File 16:Gale Group PROMT(R) 1990-2004/Aug 11
(c) 2004 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2004/Aug 11
(c)2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Aug 11
(c) 2004 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Aug 11
(c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Aug 11
(c) 2004 The Gale Group
File 9:Business & Industry(R) Jul/1994-2004/Aug 10
(c) 2004 The Gale Group
File 15:ABI/Inform(R) 1971-2004/Aug 10
(c) 2004 ProQuest Info&Learning
File 20:Dialog Global Reporter 1997-2004/Aug 11
(c) 2004 The Dialog Corp.
File 95:TEME-Technology & Management 1989-2004/Jun W1
(c) 2004 FIZ TECHNIK
File 476:Financial Times Fulltext 1982-2004/Aug 11
(c) 2004 Financial Times Ltd
File 610:Business Wire 1999-2004/Aug 11
(c) 2004 Business Wire.
File 613:PR Newswire 1999-2004/Aug 10
(c) 2004 PR Newswire Association Inc
File 624:McGraw-Hill Publications 1985-2004/Aug 10
(c) 2004 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2004/Aug 10
(c) 2004 San Jose Mercury News
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 635:Business Dateline(R) 1985-2004/Aug 10
(c) 2004 ProQuest Info&Learning
File 570:Gale Group MARS(R) 1984-2004/Aug 11
(c) 2004 The Gale Group
File 477:Irish Times 1999-2004/Jul 30
(c) 2004 Irish Times
File 710:Times/Sun.Times(London) Jun 1988-2004/Aug 10
(c) 2004 Times Newspapers
File 711:Independent(London) Sep 1988-2004/Aug 11
(c) 2004 Newspaper Publ. PLC
File 756:Daily/Sunday Telegraph 2000-2004/Aug 11
(c) 2004 Telegraph Group
File 757:Mirror Publications/Independent Newspapers 2000-2004/Aug 11
(c) 2004
File 387:The Denver Post 1994-2004/Aug 09
(c) 2004 Denver Post
File 471:New York Times Fulltext 90-Day 2004/Aug 11
(c) 2004 The New York Times
File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
(c) 2002 Phoenix Newspapers
File 494:St LouisPost-Dispatch 1988-2004/Aug 09
(c) 2004 St Louis Post-Dispatch
File 498:Detroit Free Press 1987-2004/Aug 07
(c) 2004 Detroit Free Press Inc.
File 631:Boston Globe 1980-2004/Aug 08
(c) 2004 Boston Globe
File 633:Phil.Inquirer 1983-2004/Aug 10

Search Performed by Sylvia Keys 11-Aug-04

(c) 2004 Philadelphia Newspapers Inc
File 638:Newsday/New York Newsday 1987-2004/Aug 11
(c) 2004 Newsday Inc.
File 640:San Francisco Chronicle 1988-2004/Aug 11
(c) 2004 Chronicle Publ. Co.
File 641:Rocky Mountain News Jun 1989-2004/Aug 10
(c) 2004 Scripps Howard News
File 702:Miami Herald 1983-2004/Aug 09
(c) 2004 The Miami Herald Publishing Co.
File 703:USA Today 1989-2004/Aug 10
(c) 2004 USA Today
File 704:(Portland)The Oregonian 1989-2004/Aug 10
(c) 2004 The Oregonian
File 713:Atlanta J/Const. 1989-2004/Aug 09
(c) 2004 Atlanta Newspapers
File 714:(Baltimore) The Sun 1990-2004/Aug 11
(c) 2004 Baltimore Sun
File 715:Christian Sci.Mon. 1989-2004/Aug 11
(c) 2004 Christian Science Monitor
File 725:(Cleveland)Plain Dealer Aug 1991-2004/Aug 10
(c) 2004 The Plain Dealer
File 735:St. Petersburg Times 1989- 2004/Aug 10
(c) 2004 St. Petersburg Times

Set	Items	Description
S1	1167600	(DOWNLOAD? OR TRANSFER? OR DISPLAY? OR UPLOAD? OR SENT OR -SEND OR SENDS OR SENDING OR TRANSMISS? OR TRANSMIT? OR DISTRI-BUT?)(5N)(CONTENT OR CONTENTS OR DATA)
S2	148297	(FIRST OR 1ST)(3N)(PAGE? ? OR SERVER?)
S3	34718	(SECOND OR 2ND)(3N)(PAGE? ? OR SERVER?)
S4	3	(PRODUCT()SOURCE()SERVER?)
S5	948475	(FIRST OR 1ST OR SECOND OR 2ND)(5N)(INTERNET OR NETWORK? OR ONLINE OR ON()LINE)
S6	168011	(MULTI OR MULTIPL? OR MANY OR SEVERAL OR PLURAL? OR NUMERO-US)(5N)(SERVER OR SERVERS)
S7	901	ACTIVAT?(1W)(CODE OR CODES OR CODING?)
S8	159	AU=(DUTTA, R? OR DUTTA R? OR PATEL, K? OR PATEL K?)
S9	1221	S1(S)S2
S10	42	S9(S)S3
S11	21	S10 NOT PY>2000
S12	14	RD (unique items)
S13	80	S9(5N)(S4 OR S5 OR S7)
S14	79	S13 NOT S12
S15	76	S14 NOT PY=2000
S16	43	RD (unique items)
S17	42	S16 NOT CONTENTS
S18	39	S17 NOT AMERICAN?
S19	0	S1(S)S8

Search Performed by Sylvia Keys 11-Aug-04

12/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

06502732 Supplier Number: 55214252 (USE FORMAT 7 FOR FULLTEXT)
e.spire Sets Web Hosting Price/Performance Standard With New Service for Small- to Medium-Sized Businesses.
PR Newswire, p5757
July 21, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 672

... site, including one gigabyte of storage for Web site graphics and text, 10 gigabytes for **data transfer** and up to 200 e-mail accounts. Customers can host both their Web sites and...

...is achieved by mirroring Web site content on a second, physically separated and independently operated **server** . If the first **server** fails, the **second server** will begin operating, enabling continuous access to the hosted Web sites.
ValueWeb Enterprise hosting is...

12/3,K/2 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

06391069 SUPPLIER NUMBER: 13371102 (USE FORMAT 7 OR 9 FOR FULL TEXT)
AM-Tax Personal 2. (AM Software Inc.) (Software Review) (one of seven evaluations of tax-preparation software packages in 'Stayin' Ahead of the Tax Man') (Evaluation)
Yakal, Kathy
PC Magazine, v12, n4, p230(3)
Feb 23, 1993
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 965 LINE COUNT: 00070

... that has no data beyond the first page, you can opt not to print the **second page** .
AM Software has also enhanced the error-checking capabilities of AM-Tax in regard to...

12/3,K/3 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02006082 SUPPLIER NUMBER: 18873226 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Soup up your server. (identifying bottlenecks to enhance performance of AppleShare servers) (Technology Tutorial)(Tutorial)
Wiseth, Kelli
MacUser, v13, n1, p119(5)
Jan, 1997
DOCUMENT TYPE: Tutorial ISSN: 0884-0997 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2883 LINE COUNT: 00220

TEXT:

...upgrade alternatives fared, MacUser Labs tested an Apple Workgroup Server 8550/132 in several configurations. **First** , we tested the **server** as shipped from Apple -- with 24 MB of RAM and a 2-GB internal Seagate...

...the network are lost. The advent of Open Transport makes a solution possible: For the **first** time, AppleShare **servers** can accommodate multiple NICs, each of which is connected to a different network segment. On...

...configuration we used. More RAM will probably help if your server is called upon to **transfer** large amounts of **data** -- copying files or opening large applications stored on the server. Adding RAM may also give RAM in the **server** , we added a **second** 2-GB Seagate drive and configured the server for RAID 0, using Apple's AppleRAID...

12/3,K/4 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01890662 SUPPLIER NUMBER: 17967676 (USE FORMAT 7 OR 9 FOR FULL TEXT)
AS/400 to spearhead IBM's attack on the PC server market. (includes related article defining clustering) (Company Business and Marketing)
Computer Weekly, p23(1)
Dec 14, 1995
ISSN: 0010-4787 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 838 LINE COUNT: 00066

... For example, a database on a server could be looking after 150 users and a **second** **server** looking after a further 150 users. In the event of a failure of the **first** **server** , the data-base, which is aware of the **second** **server** , could seamlessly **transfer** the users, and their **data** , to its database.

12/3,K/5 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01678309 SUPPLIER NUMBER: 15103329 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Middleware emerges as next battlefield. (Field Report)
Harding, Elizabeth U.
Software Magazine, v14, n4, p21(3)
April, 1994
ISSN: 0897-8085 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1616 LINE COUNT: 00132

... second-generation client/server configurations. Effective middleware also provides pragmatic point-to-point application connectivity.
Second -generation client/ **server** architectures tend to employ a **distributed** function model vs. the remote **data** model common in **first** -generation client/ **server** applications.
Styles of Client/Server
"Most people today are [deploying] the remote data model," said...

12/3,K/6 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01600600 SUPPLIER NUMBER: 13873999 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Connecting people with information. (using a client/server data base in the Greater Vancouver Regional District)
Chowning, Dave
DBMS, v6, n6, p67(5)
June, 1993
ISSN: 1041-5173 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3795 LINE COUNT: 00300

... two servers simultaneously recording data. If one goes down, the other continues operating; when the **first server** recovers, it checks with the running server for the time and status of **data** . The **second server transfers** any **data** missed during downtime. The two communicate constantly, acting as mutual backups. "This is especially good...

12/3,K/7 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01528029 SUPPLIER NUMBER: 12392680 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Servant of many masters. (using client/server technology) (includes related article on client-server technology) (Reengineer) (Column)
Hovaness, Haig
Corporate Computing, v1, n2, p41(2)
August, 1992
DOCUMENT TYPE: Column ISSN: 1065-8610 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1495 LINE COUNT: 00129

...ABSTRACT: and sophistication. However, the growth of client/server computing has been hindered by two obstacles. **First** , client/ **server** is affected by numerous technical problems, such as network connectivity issues, problems with multiple-server **distributed data** access and SQL implementation incompatibilities. **Second** , client/ **server** is affected by the misapplication of client/server technology by managers who are not using...

12/3,K/8 (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01436203 SUPPLIER NUMBER: 10838712 (USE FORMAT 7 OR 9 FOR FULL TEXT)
In living color: the long, bumpy history of video display terminals. (column)
Veit, Stan
Computer Shopper, v11, n7, p128(2)
July, 1991
DOCUMENT TYPE: column ISSN: 0886-0556 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1512 LINE COUNT: 00116

... How effective was the product? It wasn't bad, considering that the CT-1024 could **display** two pages of **data** spread along 16 lines of 24 characters. When one 512-byte **page** was filled, the second 512-byte **page** was used.
The **first** 8080 CPU based system to incorporate a built-in video terminal was developed by Polymorphic...

12/3,K/9 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

04041894 Supplier Number: 53410714 (USE FORMAT 7 FOR FULLTEXT)
RAID Levels and CAD.
Computer Aided Design Report, v18, n9, pNA
Sept, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 746

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...varieties range from zero to five. These levels are primarily differentiated by the methods of **distributing data** across disks of the array. Each RAID level makes tradeoffs between performance and failure recovery...

...engineers produce. Performance in RAID has typically been optimized for two diametrically opposed extremes. The **first** is when the **server** is handling many requests for data in small, unrelated files. The **second** is when the **server** is feeding files composed of large blocks of logically related data that is stored in...

12/3,K/10 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

03372965 Supplier Number: 46937001 (USE FORMAT 7 FOR FULLTEXT)
TANDEM COMPUTERS INTRODUCES S-SERIES SERVERS
UNIX Update, v7, n12, pN/A
Dec 1, 1996
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 578

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...of Tandem's UNIX Integrity S4000 server earlier this year, the new S-Series Himalaya **server** is the **second server** family to incorporate Tandem's ServerNet technology, a system area network (SAN), as its core...

...data throughput as well as support for an unlimited number of T3 or asynchronous mode **transfer** (ATM) **data** lines. With ServerNet technology incorporated as a SAN, Tandem has made a dramatic architectural leap...

...complex, data-intensive, media-rich transactions (audio, graphics, images, video and 3-D virtual reality). **ServerNet** technology, as the **first** SAN, is the only architecture that can do this cost-effectively. Because ASIC-based routers...

12/3,K/11 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02756094 Supplier Number: 45592831 (USE FORMAT 7 FOR FULLTEXT)

LEXMARK EXPANDS COLOUR PRINTER OFFERINGS
M2 Presswire, pN/A
June 7, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1136

... s high-speed Centronics bidirectional parallel port that can handle up to 1 MB of **data** per second, enabling a faster **transfer** of the print job from computer to printer. A feature known as Job Overlap Processing allows the printer to process the **second** and subsequent **pages** while the **first page** is being printed. If the **second** and subsequent **pages** can be processed in less time than it takes to print the **first page** , the printer never stops printing. On some series of jobs, the 4079 plus can process and store many **pages** before the **first page** has-been completely printed. The Job Overlap Processing feature is made possible by increased processing...

12/3,K/12 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

2772537 Supplier Number: 02772537 (USE FORMAT 7 OR 9 FOR FULLTEXT)
White Hot; Part 2 of 2
(The top financing rounds raised by venture-backed electronics and computer hardware companies in 1999 are ranked by amount raised)
Electronic Business, v 26, n 4, p 76+
April 2000
DOCUMENT TYPE: Journal; Ranking ISSN: 1097-4881 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1114

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...OnStream	2nd	Developer and producer of high-capacity removable storage drives for personal computers and **servers**
OnStream	**1st**	Developer and producer of high-capacity removable storage drives for personal computers and **servers**
E Ink	**2nd**	Developer of a display technology that utilizes "electronic ink"
VA Linux	2nd	Provider of Linux...
...DigiLens	3rd	Developer and provider of electrically switchable optical technology designed for a variety of **display** and **data** applications
Ecrix	3rd	Provider of data-storage tape drive products, based on its VXA tape...
...centralized, high-		performance, scalable input/output (I/O) disk subsystems for the enterprise-

		and Internet- **server** market
Chaparral Network	**1st**	Developer of 'net Storage solutions for data intensive, enterprise applications
Nishan Systems	2nd	Developer of...

12/3,K/13 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02046290 56409910
Benchmarking the home pages of 'Fortune' 500 companies
Tamini, Nabil; Rajan, Murli; Sebastianelli, Rose
Quality Progress v33n7 PP: 47-51 Jul 2000
ISSN: 0033-524X JRNL CODE: QPR
WORD COUNT: 3026

...TEXT: with the <title> tag. Providing home pages with meaningful titles is important for two reasons. **First** , the **page** title is the **first** information that is **displayed** by the browser as the content of the **page** is **downloaded** . **Second** , the **page** title becomes the text of a browser's bookmark when a user adds the URL...

12/3,K/14 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00702739 93-51960
From old to new with just a "click"
Cafasso, Rosemary
Computerworld v27n18 PP: 115 May 3, 1993
ISSN: 0010-4841 JRNL CODE: COW
WORD COUNT: 753

...TEXT: graphical front end and selects options. Behind the scenes, her requests are moved to the **first** Sun **server** , a navigation plan is established and the **second** **server** performs the actual retrieval. The **data** is then **downloaded** and presented on the PC.

But because the Pac Bell system is working with many...
?

18/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

09699495 Supplier Number: 84587961 (USE FORMAT 7 FOR FULLTEXT)
Sonus Networks Designates SnowShore Media Server With Powered Status.
Business Wire, p2220
April 9, 2002
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 818

... the "Powered" partner designation for proven interoperability with Sonus products. A beta version of SnowShore **Networks** ' N20 Media **Server** , the **first** such product to feature carrier-class media processing and real-time integration of distributed voice...

18/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06498518 Supplier Number: 55198102 (USE FORMAT 7 FOR FULLTEXT)
BiznessOnline.com Signs Contracts With Major Technology Vendors.
Business Wire, p1855
July 20, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 777

... 000 subscribers, host tens of thousands of web sites and house hundreds of co-located **servers** . It is the **first** facility in a **network** of data centers that BiznessOnline.com plans to build as it expands its operations throughout...

18/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06052765 Supplier Number: 54036441 (USE FORMAT 7 FOR FULLTEXT)
Inktomi to Web: Got cache?(Traffic Server 2.0 streaming media technology)(Product Development)
Telephony, pNA
Oct 12, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 567

... content that gives instructions such as, "Expire this page in five minutes."
The new Inktomi **server** is the **first** to provide **network** news transport protocol (NNTP) for caching Usenet news transparently within the network, Galvin said. Most...

18/3,K/4 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05804502 Supplier Number: 50297289 (USE FORMAT 7 FOR FULLTEXT)
MicroTel Enters The Internet Market With Three New Network Server Products.
Business Wire, p9101062
Sept 10, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 310

... Division has introduced three new products under its Anderson Jacobson (AJ) Trademark, named RASKey Communication **Network Servers** .
These are the **first** of the company's products which are designed primarily to support Internet Service Providers (ISP...

18/3,K/5 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05113249 Supplier Number: 47807416 (USE FORMAT 7 FOR FULLTEXT)
Wrap-up: Contract Signings--First Data Investor Services Group
Bank Technology News, pN/A
July 1, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 59

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Internet trading capability to the shareholders of Bridgeport, CT-basedcompany. The deal links Wright's **Internet** home **page** to **First** Data's transaction system to give Wright's shareholders full access to theiraccounts.

18/3,K/6 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04377492 Supplier Number: 46420005 (USE FORMAT 7 FOR FULLTEXT)
INTERNET SHOPPING NETWORK, LEADING ONLINE RETAILER, USES NETSCAPE SERVERS TO OFFER EASY ACCESS TO PRODUCTS
PR Newswire, p0529SJW008
May 29, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 955

... capabilities attuned to today's generation of computer-savvy shoppers," Homer continued.
Shopping on the **Internet**
When a new ISN customer **first** accesses the Netscape **server** -based Web site, the site prompts the user to enter some basic information, including a...

18/3,K/7 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04368148 Supplier Number: 46406411 (USE FORMAT 7 FOR FULLTEXT)
MindShare Invites Leading Network Security Software Company Into Prestigious National Distribution Program.
Business Wire, p5230037
May 23, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 247

... NetOFF, the only automatic logoff tool that saves open, unsaved files and prevents logoffs during **data transfers** , and **Server** Sentry, the **first network** monitoring system that immediately reboots file servers and documents the cause of a system crash...

18/3,K/8 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04368037 Supplier Number: 46406300 (USE FORMAT 7 FOR FULLTEXT)
Citadel Computer Systems Partners with MindShare for Exclusive VAR Development Program.
Business Wire, p05230208
May 23, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 298

... NetOFF, the only automatic logoff tool that saves open, unsaved files and prevents logoffs during **data transfers** and **Server** Sentry, the **first network** monitoring system that immediately reboots file servers and documents the cause of a system crash...

18/3,K/9 (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04106906 Supplier Number: 45989040 (USE FORMAT 7 FOR FULLTEXT)
ORACLE UNVEILS MAJOR FEATURES IN ORACLE7 7.3 FOR DISTRIBUTED DATA, APPLICATIONS AND SYSTEMS MANAGEMENT
PR Newswire, p1205SFTU010
Dec 5, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1137

... data access (Oracle Mobile Agents); the first software to fully encrypt database traffic across the **network** (Secure **Network** Services); the **first** database-integrated Web **server** for delivering corporate data via private Intranets or the public Internet (Oracle WebServer); the first ...

18/3,K/10 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

03844313 Supplier Number: 45503982 (USE FORMAT 7 FOR FULLTEXT)
FRENCH PRESIDENTIAL RESULTS OVER THE NET

Internet Business News, pN/A
May, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 131

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Telecom's VTCOM subsidiary, France Television and Silicon Graphics Inc. Presidentielle 95 is VTCOM's **first Internet server** and features complete information on the purpose of the of the Presidency in France, details...

18/3,K/11 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

03841634 Supplier Number: 45498362 (USE FORMAT 7 FOR FULLTEXT)
FRENCH PRESIDENTIAL ELECTION RESULTS LIVE ON THE INTERNET
Computergram International, n2652, pN/A
April 27, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 135

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Graphics Inc: the interactive forum about the 1995 presidential elections, "Presidentielle 95," is VTCOM's **first Internet server** and features complete information on the functioning of the Presidency in France, details on electoral...

18/3,K/12 (Item 12 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

03329432 Supplier Number: 44605167 (USE FORMAT 7 FOR FULLTEXT)
Soft Landings: Automated software management can save time, money, and enhance productivity in far-flung distributed computing locations
InformationWeek, p40
April 18, 1994
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 1446

... s Hermes.
Novell entered the automated software updating market in 1986 with a mainframe-based **data distribution** product called **Network** Navigator. Novell introduced its **first server** -based product, NetWare Navigator, in 1992. The company's approach to network management revolves around...

18/3,K/13 (Item 13 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

02880280 Supplier Number: 43883847 (USE FORMAT 7 FOR FULLTEXT)
SHIVA LAUNCHES LANROVER/T FOR NETWARE REMOTE NETWORKING SERVER

Computergram International, n2182, pN/A
June 4, 1993
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 202

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
Shiva Corp, Cambridge, Massachusetts has announced LanRover/T for NetWare, claimed to be the **first** remote **networking server** for enterprise-wide, mission-critical Token Ring networks. Available in four- and eight-port versions...

18/3,K/14 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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15455117 SUPPLIER NUMBER: 97513230 (USE FORMAT 7 OR 9 FOR FULL TEXT)
iTRAK Vehicle Tracking System Now Patented; Data Burst Technologies Receives Patent for Innovative Vehicle Location Device.
Business Wire, 0335
Feb 12, 2003
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 462 LINE COUNT: 00043

... tracking devices, as well as the method for transmitting position data to the NavView(TM) **network** -based **servers** .
"We are the **first** to be recognized for this combination of technology," stated Data Burst President Tom Grounds. "We...

18/3,K/15 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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08005023 SUPPLIER NUMBER: 17296126 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Oracle accelerates Internet push. (Oracle Internet Server database access software) (Product Announcement)
Ricciuti, Mike
InfoWorld, v17, n29, p3(1)
July 17, 1995
DOCUMENT TYPE: Product Announcement ISSN: 0199-6649 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 520 LINE COUNT: 00045

...ABSTRACT: pass data back to users by converting HTML data into Oracle PL-SQL requests. Oracle **Internet Server** is the **first** technology to offer access to a DBMS from the World Wide Web. Oracle anticipates demand ...

18/3,K/16 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02237658 SUPPLIER NUMBER: 53198572 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Discover Alien Life With Your PC And SETI 11/05/98.
Newsbytes, NA
Nov 6, 1998

LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 443 LINE COUNT: 00038

... data is analyzed on their PCs. Once finished, the results are returned to the project **servers** via the **Internet** .
First tests of the system, with 100 volunteers, has just begun and the project hopes to...

18/3,K/17 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02105487 SUPPLIER NUMBER: 19708517 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Health and efficiency.(telemedicine in the United Kingdom) (Technology Information)
Dudman, Jane
Computer Weekly, p34(2)
July 31, 1997
ISSN: 0010-4787 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1044 LINE COUNT: 00085

... UK distributor K-net, to enable it to link its high-end imaging workstations and **servers** .
One of the **first** uses for the ATM **network** is the Picture Archiving and Communication System, a high-capacity system for storing and distributing...

18/3,K/18 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01977766 SUPPLIER NUMBER: 18624716 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The challenge of HTTP server configuration. (Looking Forward)(PC Week Netweek) (Technology Tutorial)(Tutorial)(Column)
Van Name, Mark L.; Catchings, Bill
PC Week, v13, n34, pN8(1)
August 26, 1996
DOCUMENT TYPE: Tutorial Column ISSN: 0740-1604 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 575 LINE COUNT: 00046

ABSTRACT: It can be difficult to select the network connections for an HTTP **server** . The **first** step is to determine the **Internet** and intranet activities to be supported by server. For Internet operations the way people connect...

18/3,K/19 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01909978 SUPPLIER NUMBER: 18027543 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Back to the future of modern computing. (50th anniversary of the birth of the computer)(Innovations) (Industry Trend or Event)(Column)
Schmerken, Ivy
Wall Street & Technology, v14, n2, p58(1)
Feb, 1996
DOCUMENT TYPE: Column ISSN: 1060-989X LANGUAGE: English

RECORD TYPE: Fulltext; Abstract
WORD COUNT: 759 LINE COUNT: 00064

...ABSTRACT: performed computations 100 times faster than with any other method. Mauchly and Dr. Rocco Martino **first sent online data** to a central for retrieval by users on a distributed network in 1957. They began ...

18/3,K/20 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01708790 SUPPLIER NUMBER: 16200327 (USE FORMAT 7 OR 9 FOR FULL TEXT)
First Virtual, banker. (First Virtual Internet Payment System merchant banking service) (Brief Article)
Seybold Report on Desktop Publishing, v9, n2, p10(1)
Oct 27, 1994
DOCUMENT TYPE: Brief Article ISSN: 0889-9762 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 183 LINE COUNT: 00014

... plus 2% of the amount of money handled.
Sellers need not even have their own **Internet servers** . They can use **First** Virtual's "Infohaus" service, a sort of high-tech consignment shop. First Virtual provides data...

18/3,K/21 (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01659938 SUPPLIER NUMBER: 16271085
First Virtual leads desktop ATM race. (First Virtual Corp's First Virtual Media Server) (Product Announcement)
Waltz, Mitzi
Newmedia, v4, n11, p29(1)
Nov, 1994
DOCUMENT TYPE: Product Announcement ISSN: 1060-7188 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: data at high speeds. It can supply bandwidth on demand, making it an ideal multimedia **network** solution. **First** Virtual's Media **Server** can support 80 simultaneous users, and can run alongside a NetWare

file server. First Virtual...

18/3,K/22 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

04010272 Supplier Number: 53185952 (USE FORMAT 7 FOR FULLTEXT)
-VIGNETTE: Vignette unveils first syndication server for building distribution relationships on the web.
M2 Presswire, pNA
Nov 5, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1487

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...leader in Internet Relationship Management (IRM) solutions, launches Vignette Syndication Server (VSS), the industry's **first server** for building automated trading **networks** between affiliated online businesses. VSS enables businesses to distribute their electronic goods and services beyond...

18/3,K/23 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

03753528 Supplier Number: 48119038 (USE FORMAT 7 FOR FULLTEXT)
ORACLE: Oracle helps 95,000-student college district to graduate to web-based network computing
M2 Presswire, pN/A
Nov 12, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 741

... administrators opted to move directly to Oracle's web-based computing system rather than migrate **first** to a client/ **server network** . Because of the age and disparities of legacy systems and the vast number of users...

18/3,K/24 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

03136926 Supplier Number: 46420829 (USE FORMAT 7 FOR FULLTEXT)
NETSCAPE: Internet Shopping Network, leading online retailer, uses Netscape servers
M2 Presswire, pN/A
May 30, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 981

... capabilities attuned to today's generation of computer-savvy shoppers," Homer continued.
Shopping on the **Internet** When a new ISN customer **first** accesses the Netscape **server** -based Web site, the site prompts the user to enter some basic information, including a...

18/3,K/25 (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

01200363 Supplier Number: 41144084 (USE FORMAT 7 FOR FULLTEXT)
WASHINGTON, D.C. PAGING COMPANY TESTS NEWSPAGER
Data Broadcasting Report, v5, n9, pN/A
Feb, 1990
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1109

... s South San Francisco control center, which uses networked 80386-based PCs. From California, the **data** are **transmitted** via Contel ASC's satellite **network** to a VSAT on **First Page** 's roof.
The pager, which uses the POCSAG signaling format, operates at 512 bits/second...

18/3,K/26 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

2063670 Supplier Number: 02063670
Aim Smart Lures Shoppers With Free Access
(Aim Smart Corp promoting its online shopping technology to local shopping mall operators)
Interactive Week, v 5, n 5, p 44
February 09, 1998
DOCUMENT TYPE: Journal ISSN: 1078-7259 (United States)
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:
...mail services from the home. Shoppers use a specially configured version of Microsoft Corp's **Internet** Explorer. The **first page** they view is a guide to their local mall. The service uses a CD-ROM...

18/3,K/27 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

1940961 Supplier Number: 01940961 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Dataware's NetAnswer used for D&B's Million Dollar database
(Dun & Bradstreet Inc is making more than 1 mil records on major US companies available online to Internet users)
Information Today, v 14, n 8, p 51
September 1997
DOCUMENT TYPE: Journal ISSN: 8755-6286 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 354

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...major investment in developing new applications."

Dataware's NetAnswer 2.0 is the industry's **first** stateful publishing **server** for the **Internet** or corporate intranet, according to the company. A fast and powerful information-management, query, and...

18/3,K/28 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

1338490 Supplier Number: 01338490
Microsoft spins Web beta
(Microsoft Corp will soon begin beta testing of Internet Information Server, its first Web server product)
Network World, v 12, n 47, p 71

November 20, 1995
DOCUMENT TYPE: Journal ISSN: 0887-7661 (United States)
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:
Microsoft Corp will soon begin beta testing of **Internet** Information **Server** , its **first** Web **server** product. The product, previously known as Gibraltar, is designed to host World-Wide Web pages...

18/3,K/29 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00842726 94-92118
Native speed data: The third dimension of broadband services
O Shea, Michael
Telephony v226n13 PP: 34-38 Mar 28, 1994
ISSN: 0040-2656 JRNL CODE: TPH
WORD COUNT: 1153

...TEXT: this fact, simply ask anyone who is familiar with the recent growth explosion of the **Internet** (see **page** 40).

First , let's touch on the data transport mismatch between computer and telecommunication speeds. In a...

18/3,K/30 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00343678 87-02512
Satellites -- A Sure Bet
Spittle, Tony
British Telecom Journal v7n3 PP: 25-27 Autumn 1986
ISSN: 0260-1532 JRNL CODE: POT

...ABSTRACT: related events throughout Britain. The system will provide television pictures, multiple sound channels, and teletext **pages** . It is the **first** private satellite **network** in Europe as well as one of the largest satellite networks in the world. The...

18/3,K/31 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

07106744 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Lantronix Announces Software Developer's KIt for MSS100, MSSLite and MSS-VIA Universal Thin Servers
BUSINESS WIRE
September 08, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 655

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... With the introduction of the SDK, Lantronix's MSS100, MSSLite and MSS-VIA Universal Thin **Servers** become the **first** serial-to-Ethernet

networking products to offer enhanced user programmability at the firmware level.
"Lantronix's standard Universal Thin...

18/3,K/32 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

03081633
Procom to Showcase Full Line of Network- Attach Storage Solutions At Networld+Interop '98 in Atlanta; Will Unveil Several New Products
BUSINESS WIRE
October 12, 1998
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 705

... notification (AFN) and remote management. CD-ROM/DVD FORCE Networking Solutions CD-ROM/DVD FORCE **servers** are the **first** mixed-ROM **network** -attached storage solutions that offer cross-platform compatibility for up to 174 CDs or 63...

18/3,K/33 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2004 Business Wire. All rts. reserv.

00101025 19990908251B1234 (USE FORMAT 7 FOR FULLTEXT)
Lantronix Announces Software Developer's KIt (SDK) for MSS100, MSSLite and MSS-VIA Universal Thin Servers
Business Wire
Wednesday, September 8, 1999 09:22 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 575

TEXT:
...With the introduction of the SDK, Lantronix's MSS100, MSSLite and MSS-VIA Universal Thin **Servers** become the **first** serial-to-Ethernet **networking** products to offer enhanced user programmability at the firmware level.

18/3,K/34 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1183839 SFTU059
Oracle Helps 95,000-Student College District to Graduate to Web-Based Network Computing

DATE: November 11, 1997 14:19 EST WORD COUNT: 729

... administrators opted to move directly to Oracle's web-based computing system rather than migrate **first** to a client/ **server** **network** . Because of the age and disparities of legacy systems and the vast number of users ...

18/3,K/35 (Item 1 from file: 635)

DIALOG(R)File 635:Business Dateline(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

0827232 97-87542
Dun & Bradstreet's million dollar database now available on the Internet
Lewis, Dana
Business Wire (San Francisco, CA, US) p1
PUBL DATE: 970714
WORD COUNT: 705
DATELINE: Murray Hill, NJ, US, Middle Altantic

TEXT:

...major investment in developing new applications."

Dataware's NetAnswer 2.0 is the industry's **first** stateful publishing **server** for the **Internet** or corporate intranet. A fast and powerful information-management, query and retrieval system, NetAnswer 2...

18/3,K/36 (Item 2 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

0709822 96-68204
ADIC low-cost DAT Autoloader sets new standards
Whitner, Stephen
Business Wire (San Francisco, CA, US) p1
PUBL DATE: 960606
WORD COUNT: 561
DATELINE: Redmond, WA, US, Pacific

TEXT:

...is designed to provide the security and labor reduction of full backup automation for single **server networks** .

The **first** autoloader to be built around the new Sony Quad-Speed SDT-7000 4mm drive, the...

18/3,K/37 (Item 1 from file: 710)
DIALOG(R)File 710:Times/Sun.Times(London)
(c) 2004 Times Newspapers. All rts. reserv.

14675241
WEB LINGO /BY
Times of London (TL) - Sunday, June 24, 2001
Section: Features
Word Count: 299

TEXT:
... eg, computer, mobile phone, monitor or keyboard Home page The website that loads when you **first** call up your **internet** browser, or the **first page** presented when visiting a website Internet Global network of millions of computers able to exchange...

18/3,K/38 (Item 1 from file: 494)
DIALOG(R)File 494:St LouisPost-Dispatch

11537139
U. CITY FIRM'S SOFTWARE MEASURES SPEED OF INTERNET CONNECTIONS CONNECTCHECK GIVES AWAY PRODUCT TO BUILD SERVICE-QUALITY DATABASE
St. Louis Post Dispatch (SL) - Wednesday, February 6, 2002
By: Jerri Stroud
Of The Post-Dispatch
Edition: FIVE STAR LIFT Section: BUSINESS Page: C7
Word Count: 618

... back, checking the time it takes to complete the circuit. The edge router is the **first** **server** with an **Internet** -protocol address that isn't controlled by the user's service provider. The speed pops...

18/3,K/39 (Item 1 from file: 703)
DIALOG(R)File 703:USA Today

08724623
Glitch freezes up many Microsoft Web sites
USA TODAY (US) - THURSDAY January 25, 2001
By: Michelle Kessler
Edition: FINAL Section: MONEY Page: 03B
Word Count: 370

... name servers. Those are computers that link a user's PC to Microsoft's entire **network** .

Computer scientists **first** thought the **servers** may have a glitch, or they may have been overwhelmed by junk data sent by...
?

STIC Search Report
EIC 3600

STIC Database Tracking Number: 129530

TO: Cuong H Nguyen **Location: 7Y09** **Art Unit : 3625** **Wednesday, August 11, 2004** **Case Serial Number: 09/737339**	**From: Sylvia Keys** **Location: EIC 3600** **PK5-Suite 804** **Phone: 305-5782** **sylvia.keys@uspto.gov**

Search Notes

Dear Examiner Nguyen,

Please read through the results.

If you have any questions, please do not hesitate to contact me.

Sylvia

EIC3600 COMMERCIAL DATABASE SEARCH REQUEST

Staff Use Only
Access DB# 129530

☐ RUSH - SPE signature required: _____

Business Methods Case: 705/14, 26 Log Number _____
Write in 705 subclass(es) to search required files for 705 cases or cases cross referenced in 705.

Requester's Full Name: Nguyen, Cuong H. Examiner # :74138 Date: 8/10/2004

Art Unit: 3625 Phone Number 305-4553 Serial Number: 09/737,339

Bldg & Room #: 7Y09 Results Format Preferred: PAPER ☐ DISK ☐ E-MAIL ☐

If more than one search is submitted, please prioritize searches in order of need.

Provide the PALM Bib page or the following:
Title of Invention: **System & Method for transferring data between servers through a client computer over a network**

Inventors (provide full names): Rabindranath Dutta, Kamal Chandrakant Patel

Earliest Priority Filing Date: 12/15/2000

Requested attachments:
- If possible, provide the cover sheet, the IDS, examples, or relevant citations, authors, etc, if known.
- Please attach copies of the parts of this case that help explain or are most pertinent to this search. Examples are: ***abstract, background, summary, claim(s)*** ***[not all of the claims].***

The claimed or apparent novelty of the invention is:

Downloading and displaying content in a 1st page from the 1st server; and downloading and displaying content in a 2nd page from a 2nd server

This search should focus on anything relating to: client/server environments
(Also include keywords or synonyms)

Special Instructions or Other Comments

Please call Cuong Nguyen (305-4553) if you have any question, thank you

Send to *STIC-EIC3600 (email)*

STIC Search Results Feedback Form

USPTO

EIC 3600

Questions about the scope or the results of the search? Contact *the EIC searcher or contact*:

Karen Lehman, EIC 3600 Team Leader
306-5783, PK5- Suite 804

Voluntary Results Feedback Form

- *I am an examiner in Workgroup:* ☐ *Example: 3620 (optional)*
- *Relevant prior art **found**, search results used as follows:*
  - ☐ 102 rejection
  - ☐ 103 rejection
  - ☐ Cited as being of interest.
  - ☐ Helped examiner better understand the invention.
  - ☐ Helped examiner better understand the state of the art in their technology.

  Types of relevant prior art found:
  - ☐ Foreign Patent(s)
  - ☐ Non-Patent Literature
    (journal articles, conference proceedings, new product announcements etc.)
- *Relevant prior art **not found**:*
  - ☐ Results verified the lack of relevant prior art (helped determine patentability).
  - ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to EIC3600 PK5 Suite 804

sira
Search and Information Resources Administration

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... i 24. A system for interacting with a user using a network comprising, a web **page** of a **first** **network** transactor having a prompt on said web page to prompt said user to begin a transaction on a web **page** of a **second** **network** transactor, wherein said **second** **network** transactor is adapted for beginning said transaction on said web **page** of said **second** **network** transactor in response to a selection by said user., and for automatically returning said user to said web **page** of said **first** **network** transactor subsequent to completing said transaction.

13/3,K/50 (Item 41 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00782243 **Image available**
MULTI-DOMAIN ACCESS CONTROL
COMMANDE D'ACCES A PLUSIEURS DOMAINES
Patent Applicant/Assignee:
ENCOMMERCE INC, 2901 Patrick Henry Way, Santa Clara, CA 95054, US, US (Residence), US (Nationality)
Inventor(s):
SAMPSON Lawrence, 597 Shawnee Lane, San Jose, CA 95123-4121, US,
BELMONTE Emilio, Haza De La Era., 3, Gines, E-41960 Seville, ES,
FANTI Marco, 25 Powderhorn Drive, Rockaway, NJ 07866, US,
MEDINA Raul, 475 Milan Drive #106, San Jose, CA 95134, US,
Legal Representative:
BINGHAM Marcel (et al) (agent), Hickman, Palermo, Truong & Becker, 1600 Willow Street, San Jose, CA 95125, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200115377 A1 20010301 (WO 0115377)
Application: WO 2000US23442 20000823 (PCT/WO US0023442)
Priority Application: US 99150392 19990823; US 2000535080 20000323
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CA CN JP
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 7713

International Patent Class: **G06F-003/00**

English Abstract
...a single access control system to manage access by users to resources that belong to **multiple** domains. A **first** **server** for a **first** domain (242) **transmits** a **data** token to a client seeking access to a resource in a second domain. The client...

13/3,K/51 (Item 42 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00772883 **Image available**

102

METHOD AND APPARATUS FOR OPTIONALLY ALERTING INTERNET CLIENTS AND DELIVERING INFORMATION BY WIRELESS NETWORK

PROCEDE ET APPAREIL AYANT POUR FONCTIONS OPTIONNELLES D'ALERTER DES CLIENTS INTERNET ET DE TRANSMETTRE DES INFORMATIONS PAR RESEAU SANS FIL

Patent Applicant/Assignee:
DATALINK SYSTEMS CORP, Suite 790, 1735 Technology Drive, San Jose, CA 95110, US, US (Residence), US (Nationality)
Inventor(s):
LAPINE Anthony Nelson, 1720 High Street, Los Gatos, CA 95032, US
Legal Representative:
BOYS Donald R, P.O. Box 187, Aromas, CA 95004, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200106383 A1 20010125 (WO 0106383)
Application: WO 2000US14140 20000523 (PCT/WO US0014140)
Priority Application: US 99357579 19990720
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 2789

Main International Patent Class: **G06F-015/16**
Fulltext Availability:
Detailed Description
Claims

Detailed Description

... preferred embodiment of the present invention an Internet-implemented alert system is provided, comprising a **first** **Internet** -connected **server** hosted by a **first** enterprise and interacting with clients; a **second** **Internet** -connected **server** hosted by a **second** enterprise providing services to the **first** **server** ; and a paging facility coupled to the second server. The first server notifies clients of...

Claim

1 An **Internet** -implemented alert system, comprising
a **first** Intemet-connected **server** hosted by a **first** enterprise and interacting with
clients;
a **second** **Internet** -connected **server** hosted by a **second** enterprise providing
services to the **first** **server** ; and
a paging facility coupled to the second server;
Zn
wherein the first server notifies...

...event and requesting
client participation;
(b) transferring data on clients agreeing to participate by the **first** **server** to a
second **Internet** -connected **server** ;

```
File 348:EUROPEAN PATENTS 1978-2004/Aug W01
         (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040805,UT=20040729
         (c) 2004 WIPO/Univentio
File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.

Set     Items   Description
S1     212909   (DOWNLOAD? OR TRANSFER? OR DISPLAY? OR UPLOAD? OR SENT OR -
              SEND OR SENDS OR SENDING OR TRANSMISS? OR TRANSMIT? OR DISTRI-
              BUT?)(5N)(CONTENT OR CONTENTS OR DATA)
S2      14581   (FIRST OR 1ST)(3N)(PAGE? ? OR SERVER?)
S3      26721   (SECOND OR 2ND)(3N)(PAGE? ? OR SERVER?)
S4          0   (PRODUCT()SOURCE()SERVER?)
S5      37442   (FIRST OR 1ST OR SECOND OR 2ND)(5N)(INTERNET OR NETWORK? OR
             ONLINE OR ON()LINE)
S6      16657   (MULTI OR MULTIPL? OR MANY OR SEVERAL OR PLURAL? OR NUMERO-
              US)(5N)(SERVER OR SERVERS)
S7        859   ACTIVAT?(1W)(CODE OR CODES OR CODING?)
S8        172   AU=(DUTTA, R? OR DUTTA R? OR PATEL, K? OR PATEL K?)
S9       2491   S1(S)S2
S10       818   S9(S)S3
S11       197   S10(5N)(S5 OR S6 OR S7)
S12       117   S11 AND IC=G06F
S13        62   S12 NOT CONTENTS
S14         0   S1(S)S8
```

Search Performed by Sylvia Keys 11-Aug-04

13/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01528703
File transfer protocol
Dateiubertragungsprotokoll
Protocole de transfer de fichiers
PATENT ASSIGNEE:
Hewlett-Packard Company, (206030), 3000 Hanover Street, Palo Alto, California 94304-1112, (US), (Applicant designated States: all)
INVENTOR:
Gonzalez, Manuel, Hewlet Packard Espanola SA, Avda. Graells, 501, San Augat del Valles, Barcelona 08190, (ES)
Chiarabini, Luca, Hewlet Packard Espanola SA, Avda. Graells, 501, San Augat del Valles, Barcelona 08190, (ES)
LEGAL REPRESENTATIVE:
Yennadhiou, Peter (75683), Hewlett Packard Espanola, S.A., Barcelona Division, Avda. Graells, 501, 08190 Sant Cugat del Valles (B), (ES)
PATENT (CC, No, Kind, Date): EP 1276292 A1 030115 (Basic)
APPLICATION (CC, No, Date): EP 2001306083 010713;
DESIGNATED STATES: DE; FR; GB; IT
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04L-029/06; **G06F-017/30**
ABSTRACT WORD COUNT: 154
NOTE:
Figure number on first page: 7

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200303	1071
SPEC A	(English)	200303	6829
Total word count - document A			7900
Total word count - document B			0
Total word count - documents A + B			7900

...INTERNATIONAL PATENT CLASS: **G06F-017/30**

...SPECIFICATION a prior art method of movement of information in the form of data files between **first** and **second server** computers over the **internet** . In order to move a file between a source computer 100 and destination computer 101...

13/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01382859
Car sale information providing system and method, and car dealing system
System und Verfahren fur die Bereitstellung von Informationen von Fahrzeughandel und System zum Handeln mit Fahrzeugen
Methode et Systeme permettant d'obtenir des informations concernant la vente d'automobiles et systeme de gestion des ventes de voitures
PATENT ASSIGNEE:
TSUBASA SYSTEM CO. LTD., (2094582), 25-14, Kameido 2-chome, Koutou-ku, Tokyo, (JP), (Applicant designated States: all)
INVENTOR:
Wakabayashi, Akira, Tsubasa System Co., Ltd., 25-14, Kameido 2-chome,

Koutou-ku, Tokyo, (JP)
Onoue, Masashi, Tsubasa System Co., Ltd., 25-14, Kameido 2-chome, Koutou-ku, Tokyo, (JP)
LEGAL REPRESENTATIVE:
Lindner, Michael, Dipl.-Ing. et al (80041), Witte, Weller & Partner, Patentanwalte, Postfach 105462, 70047 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 1174809 A2 020123 (Basic)
EP 1174809 A3 040114
APPLICATION (CC, No, Date): EP 2001114079 010609;
PRIORITY (CC, No, Date): JP 2000180275 000615; JP 2000241157 000809
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G06F-017/60** ; **G06F-017/30**
ABSTRACT WORD COUNT: 173
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200204	726
SPEC A	(English)	200204	7542
Total word count - document A			8268
Total word count - document B			0
Total word count - documents A + B			8268

INTERNATIONAL PATENT CLASS: **G06F-017/60** ...

... **G06F-017/30**

...SPECIFICATION in the management company for managing the data to the purchaser terminal 2c via the **network** as in the **first** embodiment. The **server** 1 in the **second** embodiment includes a WWW server 50 for providing web pages to the network, a common...

13/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01329607
Information processing terminal and content data acquiring system using the same
Informationsverarbeitungsendgerat und Datenbeschaffungssysten unter Verwendung denselben
Terminal de traitement de donnees et systeme d'acquistion de donnees de contenu en utilisant un tel terminal
PATENT ASSIGNEE:
NEC CORPORATION, (236690), 7-1, Shiba 5-chome, Minato-ku, Tokyo, (JP), (Applicant designated States: all)
INVENTOR:
Asai, Takayuki, c/o NEC Corporation, 7-1, Schiba 5-chome, Minato-ku, Tokyo, (JP)
LEGAL REPRESENTATIVE:
Patentanwalte Wenzel & Kalkoff (100766), Grubesallee 26, 22143 Hamburg, (DE)
PATENT (CC, No, Kind, Date): EP 1134673 A1 010919 (Basic)
APPLICATION (CC, No, Date): EP 2001250089 010314;

PRIORITY (CC, No, Date): JP 200070405 000314
DESIGNATED STATES: DE; FR; GB; IT
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G06F-017/30**
ABSTRACT WORD COUNT: 194
NOTE:
Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200138	1825
SPEC A	(English)	200138	9842
Total word count - document A			11667
Total word count - document B			0
Total word count - documents A + B			11667

INTERNATIONAL PATENT CLASS: **G06F-017/30**

...ABSTRACT data file to reproduce the desired content data from the desired content data file. The **first server** (204) provided on a **first network** can provide **first** content data files written in a first language and transmit a desired one of the...

...via the first network in response to the request when this is destined to the **first server** . The **second server** on a **second network** as the **Internet** can provide **second** content data files written in HTML (hypertext markup language) language. The first language is different...

...SPECIFICATION data file to reproduce the desired content data from the desired content data file. The **first server** is provided on a **first network** and can provide **first** content data files written in a first language. The first server transmits a desired one...

...response to the content data request when the content data request is destined to the **first server** . The **second server** is provided on a **second network** as the **Internet** and can provide **second** content data files written in HTML (hypertext markup language). The first language is different from...

13/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01218221
Radiology system with data transmission and associated method
Radiologiesystem mit Datenubertragung und zugehoriges Verfahren
Systeme de radiologie avec transmission de donnees et procede correspondant
PATENT ASSIGNEE:
GE MEDICAL SYSTEMS SA, (1700702), 283, rue de la Miniere, 78533 Buc Cedex , (FR), (Applicant designated States: all)
INVENTOR:
Albeniz, Juan, 11, rue de Gergovie, 75014 Paris, (FR)
Beauregard-Maronneau, Alain, 14 bis, av. Du Mal Joffre, 78250 Meulan, (FR)
Dvorak, Andrej, 9, rue Francaise, 75002 Paris, (FR)
Herzog, Jean, 4 bis boulevard Desgranges, 92330 Sceaux, (FR)
Salmon-Legagneur, 19, rue Sextius Michel, 75015 Paris, (FR)
Simmoneau, Romuald, 2 Parc Diane, 78350 Jouy en Josas, (FR)

Venon, Medhi, 5 rue Bel Air, 41600 Vouzon, (FR)
LEGAL REPRESENTATIVE:
Goode, Ian Roy (31097), GE LONDON PATENT OPERATION, Essex House, 12/13 Essex Street, London WC2R 3AA, (GB)
PATENT (CC, No, Kind, Date): EP 1058191 A1 001206 (Basic)
APPLICATION (CC, No, Date): EP 304626 000531;
PRIORITY (CC, No, Date): FR 997108 990604
DESIGNATED STATES: DE; NL
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G06F-011/14**
ABSTRACT WORD COUNT: 73
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200049	479
SPEC A	(English)	200049	2760
Total word count - document A			3239
Total word count - document B			0
Total word count - documents A + B			3239

INTERNATIONAL PATENT CLASS: **G06F-011/14**

...ABSTRACT organ to be studied, a reception control means (3), an image-forming means (5), a **first network server** associated with the reception control means and a **second network server** associated with the image-forming means, each server being capable of transmitting data in html...

13/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01197248
ADDRESSING IN THE INTERNET
ADDRESSIEREN IM INTERNET
ADRESSAGE DANS INTERNET
PATENT ASSIGNEE:
TELEFONAKTIEBOLAGET LM ERICSSON (publ), (213766), , 126 25 Stockholm, (SE), (Proprietor designated states: all)
INVENTOR:
LAIHO, Keijo, Metsatorpantie 2 G 20, FIN-02430 Masala, (FI)
LEGAL REPRESENTATIVE:
Karkkainen, Veli-Matti et al (83021), Borenius & Co Oy Ab Tallberginkatu 2 A, 00180 Helsinki, (FI)
PATENT (CC, No, Kind, Date): EP 1153354 A2 011114 (Basic)
EP 1153354 B1 030502
WO 2000046696 000810
APPLICATION (CC, No, Date): EP 2000902691 000202; WO 2000FI74 000202
PRIORITY (CC, No, Date): FI 99192 990202
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G06F-017/30**
NOTE:
No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200318	619
CLAIMS B	(German)	200318	585
CLAIMS B	(French)	200318	711
SPEC B	(English)	200318	2106
Total word count - document A			0
Total word count - document B			4021
Total word count - documents A + B			4021

INTERNATIONAL PATENT CLASS: **G06F-017/30**

...SPECIFICATION system connected to a data network to:
transmit a resource locator retrieval request to a **first network** server over a **data network** ;
download an electronic file from the **first network server** and which is stored at an address identified by said resource locator, the file containing a hyperlink pointing to a resource locator at a **second network server** ;
in response to selection of the hyperlink, transmit a resource locator retrieval request to said...

...CLAIMS connected to a data network (1) to:
transmit a resource locator retrieval request to a **first network** server (7) over a **data** network (1) ;
download an electronic file from the **first network server** (7) and which is stored at an address identified by said resource locator, the file containing a hyperlink pointing to a resource locator at a **second network server** (8);
in response to selection of the hyperlink, transmit a resource locator retrieval request to...

13/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01190034
METHOD AND SYSTEM FOR DATABASE-DRIVEN, SCALABLE WEB PAGE DEVELOPMENT, DEPLOYMENT-DOWNLOAD, AND EXECUTION
VERFAHREN UND SYSTEM ZUR ENTWICKLUNG, ANWENDUNG, FERNLADUNG, UND AUSFUHRUNG, VON DATENBANK GESTEUERTEN WEBSEITEN
PROCEDE ET SYSTEME DE CREATION, D'INSTALLATION, DE TELECHARGEMENT ET D'EXECUTION D'UNE PAGE WEB EVOLUTIVE EXPLOITANT UNE BASE DE DONNEES
PATENT ASSIGNEE:
Onyeabor, Gillis E., (3074370), 2704 N. Karen Drive, Chandler, AZ 85224, (US), (Proprietor designated states: all)
INVENTOR:
Onyeabor, Gillis E., 2704 N. Karen Drive, Chandler, AZ 85224, (US)
LEGAL REPRESENTATIVE:
Dunlop, Hugh Christopher et al (59552), R G C Jenkins &Co., 26 Caxton Street, London SW1H 0RJ, (GB)
PATENT (CC, No, Kind, Date): EP 1145151 A1 011017 (Basic)
EP 1145151 B1 031022
WO 2000042528 000720
APPLICATION (CC, No, Date): EP 2000905630 000114; WO 2000US1016 000114
PRIORITY (CC, No, Date): US 231123 990115
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
INTERNATIONAL PATENT CLASS: **G06F-017/30**

NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200343	2677
CLAIMS B	(German)	200343	2683
CLAIMS B	(French)	200343	3075
SPEC B	(English)	200343	15808
Total word count - document A			0
Total word count - document B			24243
Total word count - documents A + B			24243

INTERNATIONAL PATENT CLASS: **G06F-017/30**

...CLAIMS means, sends (368) the Web page document to a server-side computer (140) over a **first network** (102);
the **server** -side computer (140) having at least one communication means (910), a second processor means (912...

13/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00972862
A PROXY-SERVER SYSTEM FOR ENHANCING FUNCTIONALITY OF COMPUTERS ACCESSING SERVERS ON THE INTERNET
PROXYSERVERSYSTEM ZUR VERBESSERUNG DER FUNKTIONALITAT VON RECHNERN, DIE AUF INTERNETSERVER ZUGREIFEN
SYSTEME DE SERVEUR INTERMEDIAIRE ("PROXY") DESTINE A ACCROITRE LA FONCTIONNALITE DE SERVEURS D'ACCES INFORMATIQUE SUR L'INTERNET
PATENT ASSIGNEE:
  Lextron Systems, Inc., (2372810), 20264 Ljepava Drive, Saratoga, CA 95070, (US), (Proprietor designated states: all)
INVENTOR:
  KIKINIS, Dan, 20264 Ljepava Drive, Saratoga, CA 95070, (US)
LEGAL REPRESENTATIVE:
  Freed, Arthur Woolf et al (30752), Edward Evans Barker Clifford's Inn Fetter Lane, London EC4A 1BZ, (GB)
PATENT (CC, No, Kind, Date): EP 892947 A2 990127 (Basic)
EP 892947 A2 990414
EP 892947 B1 030319
WO 97038389 971016
APPLICATION (CC, No, Date): EP 97920089 970403; WO 97US5545 970403
PRIORITY (CC, No, Date): US 629475 960410
DESIGNATED STATES: DE; FI; FR; GB; SE
INTERNATIONAL PATENT CLASS: **G06F-005/01 ; G06F-017/30**
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200312	954
CLAIMS B	(German)	200312	921
CLAIMS B	(French)	200312	1166
SPEC B	(English)	200312	7381
Total word count - document A			0
Total word count - document B			10422
Total word count - documents A + B			10422

INTERNATIONAL PATENT CLASS: **G06F-005/01** ...

... **G06F-017/30**

...CLAIMS An Internet Proxy-Server (19) comprising:
a first data port (37) adapted for accessing other **Internet servers** ; and
a **second** data port (35) adapted for connecting to a field computer (13); wherein the Proxy-server (19) is adapted to access the other **Internet servers** (23) through the **first** data port (37), directed by commands and data received through the second data port (35...

...An Internet Proxy-Server (19) comprising:
a first data port (37) adapted for accessing other **Internet servers** ; and
a **second** data port (35) adapted for connecting to a field computer (13); wherein the Proxy-server (19) is adapted to access the other **Internet servers** (23) through the **first** data port (37), directed by commands and data received through the second data port (35...

13/3,K/8 (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00859598
METHOD FOR SECURE DATA TRANSFER ON A MULTI-SERVER NETWORK
VERFAHREN ZUR DURCHFUHRUNG GESICHERTER DATENUBERTRAGUNG AUF EIN NETZWERK MIT MEHREREN SERVERN
PROCEDE DE REALISATION DE TRANSFERT SECURISE DE DONNEES SUR UN RESEAU A SERVEURS MULTIPLES
PATENT ASSIGNEE:
Atos Services, (2568780), 3 place de la Pyramide, 92800 Puteaux, (FR), (Proprietor designated states: all)
INVENTOR:
BARBEZANGE, Jean-Claude, 4, rue de l'Oree-des-Bois, F-41350 Saint-Gervais-la-Foret, (FR)
LEGAL REPRESENTATIVE:
de Roquemaurel, Bruno et al (83261), Novagraaf Technologies 122, rue Edouard Vaillant, 92593 Levallois Perret Cedex, (FR)
PATENT (CC, No, Kind, Date): EP 803087 A1 971029 (Basic)
EP 803087 B1 021002
WO 97017646 970515
APPLICATION (CC, No, Date): EP 96937401 961106; WO 96FR1742 961106
PRIORITY (CC, No, Date): FR 9513327 951110
DESIGNATED STATES: DE; ES; GB; IE; IT
INTERNATIONAL PATENT CLASS: **G06F-001/00** ; **G06F-017/60**
NOTE:
No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): French; French; French
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200240	283
CLAIMS B	(German)	200240	263
CLAIMS B	(French)	200240	282
SPEC B	(French)	200240	1665
Total word count - document A			0
Total word count - document B			2493
Total word count - documents A + B			2493

INTERNATIONAL PATENT CLASS: **G06F-001/00** ...

... **G06F-017/60**

...CLAIMS B1
1. Process for effecting secure **transfer** of **data** over a **multi** - **server** network, characterized in that it comprises the steps of installing a data security algorithm in...

13/3,K/9 (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00430683
Distributed data processing system
Verteiltes Datenverarbeitungssystem
Systeme de traitement de donnees distribuees
PATENT ASSIGNEE:
INTERNATIONAL COMPUTERS LIMITED, (233330), ICL House, Putney, London, SW15 1SW, (GB), (applicant designated states: BE;DE;FR;GB;IT)
INVENTOR:
McVitie, David Glen, Brunswick House, Brunswick Street, Congleton, Cheshire CW12 1QF, (GB)
LEGAL REPRESENTATIVE:
Guyatt, Derek Charles et al (31321), Intellectual Property Department International Computers Limited Cavendish Road, Stevenage, Herts, SG1 2DY, (GB)
PATENT (CC, No, Kind, Date): EP 409397 A2 910123 (Basic)
EP 409397 A3 920422
EP 409397 B1 960904
APPLICATION (CC, No, Date): EP 90306141 900606;
PRIORITY (CC, No, Date): GB 8916586 890720
DESIGNATED STATES: BE; DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: **G06F-001/00** ; **G06F-009/46**
ABSTRACT WORD COUNT: 129

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	203
CLAIMS B	(English)	EPAB96	421
CLAIMS B	(German)	EPAB96	404
CLAIMS B	(French)	EPAB96	496
SPEC A	(English)	EPABF1	2092
SPEC B	(English)	EPAB96	2335
Total word count - document A			2295
Total word count - document B			3656
Total word count - documents A + B			5951

INTERNATIONAL PATENT CLASS: **G06F-001/00** ...

... **G06F-009/46**

...SPECIFICATION a federated system.
Summary of the invention
According to the invention there is provided a **distributed data** processing system comprising a **plurality** of **servers** wherein each **server** separately maintains security information relating to security

levels in the system, and wherein, in operation...

...CLAIMS A3
1. A **distributed** **data** processing system comprising a **plurality** of **servers** wherein each **server** separately maintains security information relating to security levels in the system, and wherein, in operation...

13/3,K/10 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01140297
INTEGRATING THE INTERNET WITH THE PUBLIC SWITCHED TELEPHONE NETWORK
INTEGRATION DE L'INTERNET AU RESEAU TELEPHONIQUE PUBLIC COMMUTE
Patent Applicant/Inventor:
EMERSON Harry E III, 27 Garden Court, Succasunna, NJ 07876, US, US (Residence), US (Nationality)
Legal Representative:
BUFF Ernest D (agent), Ernest D. Buff & Associates, LLC, 245 South Street, Morristown, NJ 07960, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200461580 A2 20040722 (WO 0461580)
Application: WO 2003US39064 20031210 (PCT/WO US03039064)
Priority Application: US 2002324192 20021220
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS [illegible] LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ [illegible] SD
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC V[illegible]
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR [illegible] SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 23044

date

Main International Patent Class: **G06F**
Fulltext Availability:
Claims

Claim
... ultimately intended for said second one of said calling and called devices;
(e) receiving said **first** **Internet** messages by said proxy **server** ;
(f) resending said **first** **Internet** messages by said proxy **server** to said **second** one of
1 5 said calling and called devices;
(g) sending second Internet messages by...

...devices;
(h) receiving said second Internet messages by said proxy server; and
(i) resending said **second** **Internet** messages by said proxy **server** to said **first** one of said calling and called devices.

Search Performed by Sylvia Keys 11-Aug-04

45 A method for integrating the Internet with...

...calling device proxy server IP address QP3) as the source address;
(h) receiving said caller **Internet** messages by said **first** intermediate proxy **server** ; (i) resending said caller **Internet** messages by said **first** intermediate proxy **server** to said called device proxy server IP address (IP2);
receiving said caller Internet messages by...

...Internet messages by said called device proxy server to said called device;
(1) providing an **Internet** Protocol (IP) address of a **second** intermediate proxy **server**
(IP4) to said called device as the IP address of the calling device;
(in) providing...

...called device proxy server IP address (IP6) as the source address;
(r) receiving said callee **Internet** messages by said **second** intermediate proxy **server** ; (s) resending said callee **Internet** messages by said **second** intermediate proxy **server** to said calling device proxy server IP address (IP5);
(t) receiving said callee Internet messages...

13/3,K/11 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01132465
METHOD OF AND SYSTEM FOR INTEGRATING HEALTH INFORMATION INTO A PATIENT'S RECORD
PROCEDE ET SYSTEME POUR INTEGRER DES INFORMATIONS SUR L'ETAT DE SANTE A UN DOSSIER PATIENT
Patent Applicant/Assignee:
CAREKEY INC, 137 Newbury Street, Boston, MA 02116, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
SCHOENBERG Roy, 199 Massachusetts Avenue, Boston, MA 02115, US, US (Residence), IL (Nationality), (Designated only for: US)
Legal Representative:
LAPPIN Mark G (et al) (agent), McDermott, Will & Emery, 28 State Street, Boston, MA 02109, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200453652 A2 20040624 (WO 0453652)
Application: WO 2003US39266 20031210 (PCT/WO US03039266)
Priority Application: US 2002315514 20021210
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 3770

Main International Patent Class: **G06F**
Fulltext Availability:
Detailed Description
Claims

English Abstract
...B. selecting a topic about which information will be integrated into the record; C. the **first** data **server** system locating a **second** data **server** system on a **network** which contains information about the topic; D. the first data server system generating, within the...

...server system which contains the information; E. the user system accessing the record on the **first** data **server** system via the **network** ; F. the user system selecting the link within the record; G. the first data server system retrieving the information associated with the link from the **second** data **server** system via the **network** ; and H. the **first data server** system **transmitting** the information to the user system via the network.

Detailed Description
... a topic about which information will be integrated into the record; C. the first data **server** system locating a **second** data **server** system on a **network**
which contains information about the topic;
D. the first data server system generating, within the...

...G. the first data server system retrieving the information associated with the link
from the **second** data **server** system via the **network** ; and
H. the **first data server** system **transmitting** the infortnation to the user system via the network.
The record may be a health...

...one
category;
D. associating a topic with the located data record;
E. the first data **server** system locating a **second** data **server** system on a **network**
which contains information about the topic;
5 F. the first data server system generating, within...

...I. the first data server system retrieving the information associated with the link
from the **second** data **server** system via the **network** ; and
J. the **first data server** system **transmitting** the information to the user system via the network.

Brief Description Of The Drand=
The...

Claim
... a topic about which information will be integrated into the record; C. said first data **server** system locating a **second** data **server** system on a **network**
which contains information about the topic;
D. said first data server system generating, within the...

...G. said first data server system retrieving the information associated with the link
from the **second** data **server** system via the **network** ; and
H. said **first data server** system **transmitting** the information to the user system via the network.

2 The method of claim I...

...1 said first data server system retrieving the information associated with the link
from the **second** data **server** system via the **network** ; and
J. said **first data server** system **transmitting** the information to the user system via the network.
17 A method of integrating information...

...system;
B. assigning an infori-national topic to the record;
11
C. said first data **server** system locating a **second** data **server** system on a **network**
which contains information about the topic;
D. said first data server system generating, within the...

...said first data server system retrieving the infon-nation associated with the link
from the **second** data **server** system via the **network** ; and
H. said **first data server** system **transmitting** the information to the user system via the network.
12

13/3,K/12 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01120595 **Image available**
METHOD AND SYSTEM FOR DYNAMIC TEXTUAL AD DISTRIBUTION VIA EMAIL
PROCEDE ET SYSTEME DE DISTRIBUTION DE PUBLICITE TEXTUELLE DYNAMIQUE PAR COURRIEL
Patent Applicant/Assignee:
GOGGLE INC, 1600 Amphitheatre Parkway, Mountain View, CA 94043, US, US (Residence), US (Nationality)
Inventor(s):
DONOVAN Kevin, 260 Church Street, Apt. 3C1, White Plains, NY 10603, US,
McCOY Ron, 3983 Gladney Drive, Doraville, GA 30340, US,
MURPHY Christopher Joseph, 37 South Smith Road, Lagrangeville, NY 12540, US,
HILLS David Bard, 235 W. 76th Street, Apt. 3D, New York, NY 10023, US,
DAY William C, 266 Maple Street, Haworth, NJ 07641, US,
O'CONNELL Eimear Kathleen, 325 2. 78th Street, Apt. 2D, New York, NY 10021, US,

Legal Representative:
BUROKER Brian M (et al) (agent), Hunton & Williams, LLP, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200442525 A2 20040521 (WO 0442525)
Application: WO 2003US34788 20031103 (PCT/WO US03034788)
Priority Application: US 2002422844 20021101; US 2003647116 20030825
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 15097

Main International Patent Class: **G06F**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... distribution topic when the electronic document is opened by the recipient program, to request a **first** web **page** from a **first** target **network** -based locator when a **first** portion of the image is selected, and to request - 5 a **second** web **page** from a **second** target **network** -based locator when a **second** portion of the image is selected. And, in one iteration, the first and second target network-based locators direct the recipient program to a location on the **network** where a **first** and **second** advertiser web **page** location respectively are stored.

hi various iterations, the source network-based locator comprises a URL ...

Claim
... by the
recipient program;
program interpreted code for instructing the recipient program to request a **first** web **page** from a **first** target **network** -based locator when a **first** portion of the image is selected; program interpreted code for instructing the recipient program to request a **second** web **page** from a **second** target **network** -based locator when a **second** portion of the image is
selected; and
wherein the first and second target network-based locators direct the recipient program to a location on the **network** where a **first** and **second** advertiser web **page** location
respectively are stored.

20 The electronic document of claim 19 wherein the source network...

13/3,K/13 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

01101136 **Image available**
SYSTEM AND METHOD FOR PROVIDING CONTENT SHARING
SYSTEME ET PROCEDE DE PARTAGE DE CONTENUS
Patent Applicant/Assignee:
MOTOROLA INC, 1303 East Algonquin Road, Schaumburg, IL 60196, US, US (Residence), US (Nationality)
Inventor(s):
MANGALIK Ruchi, 2123 Winchester Lane, Glenview, IL 60025, US,
BRUNER John D, 2 Ashford Court, South Barrington, IL 60010, US,
BUNCH Steve R, 201 Garfield Street, Harvard, IL 60033, US,
Legal Representative:
DOUTRE Barbara R (et al) (agent), Room 1610, 8000 West Sunrise Boulevard, Fort Lauderdale, FL 33322, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200423770 A1 20040318 (WO 0423770)
Application: WO 2003US26095 20030820 (PCT/WO US03026095)
Priority Application: US 2002234263 20020904
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 10582

...International Patent Class: **G06F-012/00** ...

... **G06F-015/16**
Fulltext Availability:
Detailed Description

Detailed Description
... 265. Next, in Step 495, the server content management application 275 of the content management **server** 15 identifies a **first plurality** of content rights of the active content 370 along with the first plurality of resources...

Search Performed by Sylvia Keys 11-Aug-04

.40. Next, in Step 500, the server content management application 275 of the content management **server** 15 identifies a **second plurality** of content rights of the active content 370 along with the second plurality of resources...

13/3,K/14 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01099279 **Image available**
SERVER PROCESSING OF INTERACTIVE SCREENS FOR A WIRELESS DEVICE
TRAITEMENT PAR SERVEUR D'ECRANS INTERACTIFS POUR DISPOSITIFS SANS FIL
Patent Applicant/Assignee:
QUALCOMM INCORPORATED, 5775 Morehouse Drive, San Diego, CA 92121, US, US (Residence), US (Nationality)
Inventor(s):
CHMAYTELLI Mazen, 2913 Denver Street, San Diego, CA 92117, US,
MINEAR Brian, 7516 Collins Ranch Terrace, San Diego, CA 92130, US,
OLIVER Mitchell B, 9737 Caminito Suelto, San Diego, CA 92131, US,
SPRIGG Stephen A, 12124 Travertine Court, San Diego, CA 92064, US,
Legal Representative:
MINHAS Sandip S (et al) (agent), QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, CA 92121, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200421132 A2 20040311 (WO 0421132)
Application: WO 2003US27015 20030828 (PCT/WO US03027015)
Priority Application: US 2002232917 20020830
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 6958

Main International Patent Class: **G06F**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... downloaded data requested by the wireless device. Also, receiving the request sent across a wireless **network** may be received by a **first network server** and transmitting the interactive screen may be perfornied by a **second network server** . This may also may upon receiving a signal indicating an interaction of the wireless device is received by the **second** network **server** , wherein upon the **second network server** sending a signal to the **first network server** indicating the interaction and the **first network server transmitting** the **downloaded data** requested by the wireless device.

[0006] In another embodiment of the present invention, a system for processing an interactive screen for a wireless device with a **first network server** and a **second network server** , comprises the **first network server** in selective communication with a wireless network and in selective communication with the **second network server** and the **second network server** in selective communication with a wireless network and in selective communication with the **first network server** , wherein the **first network server** receives a request for **download data** from the wireless device, communicates the request to the **second network server** and the **second network server** transmits an interactive screen to the wireless network destined for the wireless device.

[0007] In...
...on the network server. The interactive screen can be transmitted to the wireless device from **first network server** that the wireless device computer platform is attempting to navigate, or the interactive screen can be transmitted to the wireless device from a **second server** on the wireless **network** . The interactive screen can include graphics, text, multimedia components, data entry fields, or hyperlinks, all...

...wireless device in the proper predefined manner, the wireless device sends a signal to the **first** or **second network server** indicating the proper interaction, and the **first network server** will then allow the access or download of the requested application or data to the computer platforni of the wireless device. When a **second network server** has provided the interactive screen to the wireless device, the **second network server** can also receive the interaction data from the wireless device and relay the interaction data to the **first network server** whereby the **first network server** then allows the **download** of the requested **data** to the computer platform of the wireless device.

[0019] It is therefore one object of...

...application download server 16. Thus, upon a wireless device 12,18,20,22 attempting to **download** or access **data** or an application on a **first network server** across the wireless **network** 14, such as application download server 16, the interactive screen is transmitted to the wireless device 12,18,20.22 from a **second network server** , such as interactive screen server 32, across the wireless network 14. In such embodiment, once...

...12,18,20,22, the wireless device sends the signal indicating the interaction to the **second network server** (interactive screen **server** 32), and the **second network server** sends a signal to the **first network server** (application download server 16) indicating the interaction at the wireless device such that the **first network server** is now allowed to provide access or download the requested data or application to the...

...20,22 inputs data on the interactive screen, the wireless device 12,18,20,22 **sends** the input **data** to the **second network server** (interactive screen **server** 32), the **second network server** again sends a signal to the **first network server** (application download server 32) indicating the input of data at the wireless device 12,18,20,22, and that the **first network server** can provide access or **downloading** the requested **data** or application. The use of the interactive screen **server** 32 as a **second network server** allow faster provision of the interactive screen and storage of interaction

interactive screen destined for the wireless device from a **second network server** across the wireless **network** .

13 The method of claim 12, ftu-ther comprising:
receiving a signal from the wireless device to the second network server indicating the interaction;
sending a signal from the **second network server** to the **first network server**
indicating the interaction at the wireless device; and
transmitting the requested **data** from the **first network server** to the wireless - **network** destined for the wireless device.

14 A system for processing an interactive screen, comprising:
means...

13/3,K/15 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01024655 **Image available**
PROVIDING INSTANT SERVICES IN INTERNET PROTOCOL NETWORK
MISE EN OEUVRE DE SERVICES INSTANTANES DANS UN RESEAU A PROTOCOLE INTERNET
Patent Applicant/Assignee:
3COM CORPORATION, 5400 Bayfront Plaza, Santa Clara, CA 95051, US, US (Residence), US (Nationality)
Inventor(s):
GRABELSKY David, 3800 Lee Street, Skokie, IL 60076, US,
TRIPATHI Anoop, 1850 W. Palm, #321, Mount Prospect, IL 60056, US,
HOMEIER Michael, 273 Forest Avenue, Elmhurst, IL 60126, US,
BORELLA Michael S, 1208 Haverhill Circle, Napterville, IL 60563, US,
Legal Representative:
WETTERMANN Thomas E (agent), McDonnell, Boehnen, Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200354717 A1 20030703 (WO 0354717)
Application: WO 2002US39717 20021212 (PCT/WO US0239717)
Priority Application: US 200121171 20011212
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK
SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 15860

Main International Patent Class: **G06F-015/16**
Fulltext Availability:
Claims

Claim
... for providing real-time data transmission in an Internet Protocol

network, the system comprising:
a **plurality** of conference **servers** comprising a first conference **server** and a second conference **server** , the **first** conference **server** configured to provision at least one communication session to a first user associated with a...

13/3,K/16 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00999979 **Image available**
INCENTIVE SYSTEM FOR DISTRIBUTING SOFTWARE OVER A COMPUTER NETWORK
SYSTEME INCITATIF A LA DISTRIBUTION DE LOGICIEL PAR UN RESEAU D'ORDINATEUR
Patent Applicant/Assignee:
ACCRETIVE TECHNOLOGY GROUP INC, Suite 3302, 2001 Sixth Avenue, Seattle, WA 98121, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
BODAY Shawn, 11301 Lakeside Avenue, NE, Seattle, WA 98125, US, US (Residence), US (Nationality), (Designated only for: US)
PERKINS Ross, 1005 Ruffner Street, Seattle, WA 98119, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
HALL David A (et al) (agent), Heller Ehrman White & McAuliffe LLP, 7th Floor, 4350 La Jolla Village Drive, San Diego, CA 92122-1246, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200329971 A1 20030410 (WO 0329971)
Application: WO 2002US32065 20021004 (PCT/WO US0232065)
Priority Application: US 2001327469 20011004
Parent Application/Grant:
Related by Continuation to: US 2001327469 20011004 (CIP)
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7500

Main International Patent Class: **G06F-009/445**
Fulltext Availability:
Detailed Description

Detailed Description
... Software 240, which can both be downloaded to the client computer 21 0 over the **network** 225. The **second** **server** computer 220 includes the Content 245, which can be any type of electronic content that...

13/3,K/17 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

00973172 **Image available**

METHOD AND SYSTEM FOR CHIP DESIGN USING REMOTELY LOCATED RESOURCES

PROCEDE ET SYSTEME DE CONCEPTION DE PUCES EXPLOITANT DES RESSOURCES ELOIGNEES

Patent Applicant/Assignee:
CADENCE DESIGN SYSTEMS INC, 2655 Seely Avenue, San Jose, CA 95134, US, US (Residence), US (Nationality)
Inventor(s):
ZIZZO Claudio, The Alba Campus, Livingston, West Lothian, GB,
Legal Representative:
MEI Peter C (agent), Bingham McCutchen LLP, Three Embarcadero Center, Suite 1800, San Francisco, CA 94111-4067, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200303147 A2-A3 20030109 (WO 0303147)
Application: WO 2002US18213 20020606 (PCT/WO US0218213)
Priority Application: US 2001877419 20010608
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 12967

Main International Patent Class: **G06F-017/50**
Fulltext Availability:
Claims

Claim

... demand basis, a second user system to said first user system over a distributed electronic **network** , said **first** user system comprising a **first** application **server** interconnected with the **first** database, said second user system comprising a second application server interconnected with a second database...on the first database;

retrieving further information regarding the selected electronic component; and I 0 **transmitting** at least one component **data** file via the **distributed** electronic **network** from the **first** user system to the second user system;

integrating a first component represented by a first...demand basis, said first user system to a second user system over a distributed electronic **network** , said **first** user system comprising an application **server** interconnected with the **first** database, said second user system comprising an application **server** interconnected with a **second** database;

a **network** interface for ...to any of a plurality component data files stored on the first database and for **transmitting** at least one component **data** file via the **distributed** electronic **network** fi7om I 0 the **first** user system to the second user system;

a search engine for searching the a plurality...demand basis, a second

user system to said first user system over a distributed electronic **network** , said **first** user system comprising a **first** application **server** interconnected with the **first** database, said second user system comprising a second
application server interconnected with a second database...files stored on the first database;
retrieving further information regarding the selected electronic component; and **transmitting** at least one component **data** file via the **distributed** electronic **network**
from the **first** user system to the second user system;
integrating a first component represented by ...demand basis, a second user system to said first user system over a distributed electronic **network** , said **first** user system comprising a **first** application **server**
35
interconnected with the first database, said second user system comprising a second
application server...files stored on the first database;
retrieving further information regarding the selected electronic component; and **transmitting** at least one component **data** file via the **distributed** electronic **network**
from the **first** user system to the second user system; and
generating an overall circuit design and accompanying...

13/3,K/18 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00950695 **Image available**
SYSTEM AND METHOD FOR ENCODING AND DECODING DATA AND REFERENCES TO DATA IN MACHINE-READABLE GRAPHICAL CODES
SYSTEME ET PROCEDE DE CODAGE ET DE DECODAGE DE DONNEES ET DE REFERENCES EN DONNEES DANS DES CODES GRAPHIQUES LISIBLES PAR UNE MACHINE
Patent Applicant/Assignee:
THE CODE COPRORATION, Suite 200, 11814 South Election Drive, Draper, UT 84020, US, US (Residence), US (Nationality)
Inventor(s):
HEPWORTH Paul J, 12074 South 2160 West, Riverton, UT 84065, US,
YATSENKO Dimitri V, 646 West Jefferson Cove, Sandy, UT 84070, US,
Legal Representative:
AUSTIN Wesley L (agent), Madson & Metcalf, Suite 900, 15 West South Temple, Salt Lake City, UT 84101, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200284879 A2-A3 20021024 (WO 0284879)
Application: WO 2002US11695 20020412 (PCT/WO US0211695)
Priority Application: US 2001283681 20010413; US 2002121347 20020412
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English

Fulltext Word Count: 20480

Main International Patent Class: **G06F-015/16**
Fulltext Availability:
Claims

Claim
... second server, and wherein accessing the
authorization database comprises:
attempting to establish communication with the **first server** over a **network** ;
and
establishing communication with the **second server** over the **network** .
105. The medium of claim 87, further comprising determining whether a provider of the source...second server, and wherein accessing the
authorization database comprises:
attempting to establish communication with the **first server** over a **network** ;
2o and
establishing communication with the **second server** over the **network** .
139. A method for decoding a machine-readable graphical code into source data that may...

13/3,K/19 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00950408 **Image available**
COMPUTER ASSISTED AND/OR IMPLEMENTED PROCESS AND ARCHITECTURE FOR WEB-BASED MONITORING OF ENERGY RELATED USAGE, AND CLIENT ACCESSIBILITY THEREFOR
PROCEDE ET ARCHITECTURE ASSISTES ET/OU IMPLEMENTES PAR ORDINATEUR PERMETTANT DE SURVEILLER PAR INTERNET LA CONSOMMATION DE RESSOURCES ENERGETIQUES, ET ACCESSIBILITE DU SYSTEME AUX CLIENTS
Patent Applicant/Assignee:
ENERWISE GLOBAL TECHNOLOGIES INC, P.O. Box 390eet, Kennett Square, PA 19348, US, US (Residence), US (Nationality)
Inventor(s):
SNEERINGER David J, Connectiv Solutions, L.L.C., 800 King Street, Wilmington, DE 19899, US,
Legal Representative:
DONNER Irah H (et al) (agent), Hale and Dorr LLP, 1455 Pennsylvania Avenue, N.W., Washington, DC 20004, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200284558 A1 20021024 (WO 0284558)
Application: WO 2001US11676 20010410 (PCT/WO US0111676)
Priority Application: WO 2001US11676 20010410
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English

Search Performed by Sylvia Keys 11-Aug-04

Fulltext Word Count: 25926

Main International Patent Class: **G06F-017/60**
International Patent Class: **G06F-017/40** ...
Fulltext Availability:
Claims

Claim
... and said resource usage data query is transmitted through the second firewall;
at least one **second** service provider **network server** includes a World Wide Web server, said service provider network site includes a World Wide...

13/3,K/20 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00950306 **Image available**
PURCHASABLE CONTENT DISTRIBUTION WITH SHOPPING CART HAVING SEGREGATED DIGITAL DOWNLOAD CONTENT AND PHYSICAL STORAGE MEDIA
DIFFUSION DE CONTENU D'ARTICLES D'ACHATS AVEC CHARIOT COMPORTANT UN CONTENU DE TELECHARGEMENT NUMERIQUE DISTINCT ET SUPPORTS DE STOCKAGE PHYSIQUES
Patent Applicant/Assignee:
SONY MUSIC ENTERTAINMENT INC, 550 Madison Avenue, New York, NY 10021, US, US (Residence), US (Nationality), (For all designated states except: US)
SMITH Allen J, 627 Route 9D, Garrison, NY 10524, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
HUGHES David A, 62 West 62nd Street, New York, NY 10023, US, US (Residence), CA (Nationality), (Designated only for: US)
Legal Representative:
KANANEN Ronald P (agent), Rader Fishman & Grauer PLLC, 1233 20th Street, N.W., Suite 501, Washington, DC 20036, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200284445 A2-A3 20021024 (WO 0284445)
Application: WO 2002US12001 20020416 (PCT/WO US0212001)
Priority Application: US 2001836633 20010417
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
Publication Language: English
Filing Language: English
Fulltext Word Count: 11013

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... a second page from the first presence (30) to the consumer (20) over the electronic **network** (10), the **second page** including input fields for receiving remittance information from the consumer (20) for paying for the...a first page from the first presence (30) to the consumer (20)

over the electronic **network** (I 0), the **first page** including information concerning the
purchasable content;
means for receiving a command from the consumer (20...

...and 5 means for completing the transaction for the physical storage media, but not the **downloadable** digital **data** , over the electronic **network** (IO) by way of the **first** presence (3 0).

11 The system of claim 10, wherein the downloadable digital data, digital ...

13/3,K/21 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00950304 **Image available**
DIRECT CONSUMER TO CONTENT PROVIDER TRANSACTION MODEL AND SYSTEM FOR DOWNLOADING DIGITAL CONTENT
MODELE DE TRANSACTION DIRECTE ENTRE UN CONSOMMATEUR ET UN FOURNISSEUR DE CONTENU ET SYSTEME PERMETTANT DE TELECHARGER UN CONTENU NUMERIQUE
Patent Applicant/Assignee:
SONY MUSIC ENTERTAINMENT INC, 550 Madison Avenue, New York, NY 10021, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
HUGHES David A, 62 West 62nd Street, New York, NY 10023, US, US (Residence), CA (Nationality), (Designated only for: US)
SMITH Allen J, 627 Route 9D, Garrison, NY 10524, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
KANANEN Ronald P (agent), Rader Fishman & Graver PLL, 1233 20th Street, N.W., Suite 501, Washington, DC 20036, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200284443 A2-A3 20021024 (WO 0284443)
Application: WO 2002US11997 20020416 (PCT/WO US0211997)
Priority Application: US 2001836632 20010417
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
Publication Language: English
Filing Language: English
Fulltext Word Count: 11193

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

English Abstract
...page is transmitted from the first presence (30) to the consumer (20) over the electronic **network** (10), wherein the **first page** includes information concerning the purchasable content. A command is received from the consumer (20) over...

Claim

... A method for facilitating a transaction for purchasable content over an electronic network, the purchasable **content** including **downloadable** digital **data** , the method
comprising:
maintaining a **first** presence (30) on the electronic **network** to which a consumer (20)
may connect;
transmitting a first page from the first presence (30) to the consumer (20) over the electronic **network** , the **first page** including information concerning the purchasable content; receiving a command from the consumer (20) over the...page is transmitted from the second presence (40) to the consumer (20) over the electronic **network** , the **second page** including 1 5 infon-nation concerning how to complete the transaction for the purchasable content...

13/3,K/22 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00945852 **Image available**
SIMULATING HIGH-SPEED ACCESS ON A LOW-BANDWIDTH NETWORK CONNECTION
SIMULATION D'ACCES A GRANDE VITESSE SUR UNE CONNEXION DE RESEAU A BANDE PASSANTE ETROITE
Patent Applicant/Assignee:
CORE TECHNOLOGIES LLC, 4925 Beard Avenue South, Minneapolis, MN 55410, US , US (Residence), US (Nationality)
Inventor(s):
THE Andre, 5420 Laguna Park Drive, Elk Grove, CA 95758, US,
Legal Representative:
SULLIVAN Stephen G (et al) (agent), Sawyer Law Group LLP, P.O. Box 51418, Palo Alto, CA 94303, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200280018 A1 20021010 (WO 0280018)
Application: WO 2002US9909 20020329 (PCT/WO US0209909)
Priority Application: US 2001280012 20010330; US 2002113370 20020329
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7001

Main International Patent Class: **G06F-015/173**
Fulltext Availability:
Claims

Claim
... center for providing the client devices with network and Internet connectivity via web servers, the **internet** center further including a **first** set of application **servers** for executing browser-based applications the for browser-based

clients,
an application center including a...

13/3,K/23 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00945791 **Image available**
NETWORK BANNER ADVERTISEMENT SYSTEM AND METHOD
SYSTEME DE BANNIERE PUBLICITAIRE SUR RESEAU ET PROCEDE CORRESPONDANT
Patent Applicant/Assignee:
FPBA GROUP LLC, 336 Audubon Court, New Haven, CT 06510, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
BARSADE Jonathan, 336-338 Audubon Court, New Haven, CT 06510, US, US (Residence), IL (Nationality), (Designated only for: US)
CHO Steven Y, 4735 Sepulveda Blvd., Apt. 234, Sherman Oaks, CA 91403, US, US (Residence), KR (Nationality), (Designated only for: US)
ZELL Adam, 2230 Homestead Court, #112, Los Altos, CA 94024, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
MATOS Rick (agent), Innovar, L.L.C., P.O. Box 250647, Plano, TX 75025-0647, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200279951 A2-A3 20021010 (WO 0279951)
Application: WO 2002US9994 20020329 (PCT/WO US02009994)
Priority Application: US 2001279707 20010330; US 2001867223 20010529; US 2001306887 20010723; US 2001317142 20010906; US 2001322473 20010917; US 2001330990 20011106; US 2001340864 20011219
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 26298

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... can occur after step b) or step c).
17 An electronic advertising system comprising:
a) **plural network servers** , at least a **first server** of -which includes **plural** advertisement (BA) data streams stored in a first memory and at least a **second server** of which includes **plural network** data streams in a **second** memory; ...as a first advertisement during the approximate period of time that occurs between when the **first** user computer requests a **second network** data stream from the **second server** and the **second network data** stream is completely **downloaded** onto the first user computer.

Search Performed by Sylvia Keys 11-Aug-04

18 The system of claim 17, wherein the first BA data stream is replaced with a second BA data stream obtained from the **first server** after the **second network data** stream has been completely **downloaded** or while the **second network data** stream is being **downloaded** onto the user computer.

19 The system of claim 17, wherein at least one of...A method of advertising on a network comprising the steps ofa) providing at least one **first network server** comprising a **first** memory having a plurality of advertisement (BA) data streams stored therein;
b) providing at least one **second network server** comprising a **second** memory having a plurality of **network** data streams stored therein, wherein at least one of the network data streams includes a display monitor;
d) submitting a request from the user computer to the **second network server** for a **first network** data stream that includes a BA **activation code** ;
e) **downloading** the requested **first network data** stream from the **second network server** to the user computer such that a **first network data** stream is **displayed** in a first window of the browser program and;
f) submitting a request to the **first network server** for a **first** BA data stream, wherein the request is initiated by the BA **activation code** ; and
g) **downloading** the first BA **data** stream from the **first network server** to the user computer such that the first BA data stream is stored in the...further comprising the steps of:
1) submitting a request from the user computer to the **first network server** for a **second** BA data stream, wherein the request is initiated by a BA **activation code** embedded in **second network data** stream; and
in) **downloading** the second BA **data** stream from the **first network server** to the user computer such that the second BA data stream is stored in the...

13/3,K/24 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00943680 **Image available**
SERVER DUPLEXING METHOD AND DUPLEXED SERVER SYSTEM
PROCEDE DE DUPLEXAGE DE SERVEURS ET SYSTEME DE SERVEURS DUPLEXES
Patent Applicant/Assignee:
DUAXES CORPORATION, 22-2, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033, JP, JP (Residence), JP (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
NAGOYA Mitsugu, c/o Duaxes Corporation, 22-2, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033, JP, JP (Residence), JP (Nationality), (Designated only for: US)
Legal Representative:
SUZUKI Hitoshi (agent), Nakano JM Bldg. 5th Floor, 28-1, Nakano 2-chome, Nakano-ku, Tokyo 164-0001, JP,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200277818 A1 20021003 (WO 0277818)
Application: WO 2002JP769 20020131 (PCT/WO JP0200769)
Priority Application: JP 200188920 20010326
Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CA KR US
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: Japanese
Filing Language: Japanese

Main International Patent Class: **G06F-011/20**

English Abstract
...system for transferring a service being executed seamlessly when a trouble occurs. The system comprises **first** and **second servers** connected with a **network** and having a common network address, communication means for high-speed communication between the two...

13/3,K/25 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00937119 **Image available**
CALL CENTER ADMINISTRATION MANAGER
GESTIONNAIRE D'ADMINISTRATION DE CENTRE D'APPELS
Patent Applicant/Assignee:
TELEPHONY @ WORK INC, Suite 600, 4225 Executive Square, La Jolla, CA 92037, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
EZERZER Ran, 3535 Lebon Dr. #3310, San Diego, CA 92122, US, US (Residence), CA (Nationality), (Designated only for: US)
HOLLY Gerald Augustin Jr, 3535 Lebon Dr. #3310, San Diego, CA 92122, US, US (Residence), US (Nationality), (Designated only for: US)
JARQUIN Roberto Armando Portillo, 3925 Nobel Drive #18, San Diego, CA 92122, US, US (Residence), CA (Nationality), (Designated only for: US)
ALJANE Ali, 7699 Palmill Drive #3309, San Diego, CA 92122, US, US (Residence), CA (Nationality), (Designated only for: US)
BORODOW Eli Ben, 9263 Regents Road #B407, La Jolla, CA 92037, US, US (Residence), CA (Nationality), (Designated only for: US)
Legal Representative:
UBELL Franklin D (et al) (agent), Brobeck, Phleger & Harrison, 12390 El Camino Real, San Diego, CA 92130, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200271226 A1 20020912 (WO 0271226)
Application: WO 2001US25526 20010814 (PCT/WO US0125526)
Priority Application: US 2001798226 20010302
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 28121

Main International Patent Class: **G06F-011/30**

International Patent Class: **G06F-015/173**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... a network-based
company call center comprising: call-center resources
running on a third-party **network** , the resources including a
first **server** and a **second** resource; a third **server** running
on a private network of the company behind the company's
firewall; a...

Claim
... center comprising:
a plurality of call-center resources running on a third
party network.. the **plurality** of resources comprising a **first**
server and a **second** resource;
a third **server** running on a private network of the
company behind a firewall;
a database for storing...

13/3,K/26 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00937113 **Image available**
A SYSTEM AND A METHOD FOR ASYNCHRONOUS REPLICATION FOR STORAGE AREA NETWORKS
SYSTEME ET PROCEDE DE REPLICATION ASYNCHRONE POUR DES RESEAUX DE ZONES DE MEMOIRE
Patent Applicant/Assignee:
SANPRO SYSTEMS INC, 1201 Market Street, Suite 1600, Wilmington, DE 19801, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
NOVICK Yoram, 14 Gotlevin Street, 32922 Haifa, IL, IL (Residence), IL (Nationality), (Designated only for: US)
Legal Representative:
SANFORD T COLB & CO (et al) (agent), P.O. Box 2273, 76122 Rehovot, IL,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200271220 A1 20020912 (WO 0271220)
Application: WO 2002IL166 20020304 (PCT/WO IL0200166)
Priority Application: US 2001272782 20010305
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 12162

Main International Patent Class: **G06F-011/00**
International Patent Class: **G06F-017/30**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... least control information bearincy a time mark regarding data communications between corresponding ones of the **first** **Plurality** of **servers** and the **plurality** of storage devices via the storage area 4
network, Preferably, the data communication monitors also...

...Additionally, the data corni-nunications stored to the at least one LOG storage device include **data** updates **sent** by the **first** **plurality** of **servers** to the **second** **plurality** of storage devices.

In accordance with still another preferred embodiment of the present invention, the...

Claim
... said at least one LOG storage device comprises data sal I
updates sent by said **first** **plurality** of **servers** to said **second** **plurality** of storage devices.

16 A data backup and recovery system according to claim 15 having... stored to said at least one LOG storage device comprises data updates sent by said **first** **plurality** of **servers** to said **second** **plurality** of storaue devices. 5 I. A method for data backup and recovery according to claim...

13/3,K/27 **(Item 18 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT

00934995 **Image available**
SYSTEM AND METHOD FOR MINIMIZING PERCEIVED DEAD AIR TIME IN INTERNET STREAMING MEDIA DELIVERY
SYSTEME ET PROCEDE PERMETTANT DE REDUIRE AU MINIMUM LE TEMPS D'EMISSION DE SILENCE PERCU DANS LA TRANSMISSION MULTIMEDIA EN CONTINU SUR INTERNET
Patent Applicant/Assignee:
IM NETWORKS INC, 305 W. Evelyn Avenue, Mountain View, CA 94041, US, US (Residence), US (Nationality)
Inventor(s):
LOGAN Jonathan, 305 W. Evelyn Avenue, Mountain View, CA 94041, US,
FRERICHS David, 305 W. Evelyn Avenue, Mountain View, CA 94041, US,
MASON James Eric, 305 W. Evelyn Avenue, Mountain View, CA 94041, US,
Legal Representative:
CROCKETT K David (agent), Crockett & Crockett, Suite 400, 24012 Calle de la Plata, Laguna Hills, CA 92653, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200269169 A1 20020906 (WO 0269169)
Application: WO 2002US5821 20020225 (PCT/WO US0205821)
Priority Application: US 2001798797 20010227
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 5012

Main International Patent Class: **G06F-015/16**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... streaming from the first media server
is stopped will typically be the point where the **internet**
appliance begins negotiation with the **second** media **server** , and
the **first** buffer will play out during negotiation and
buffering of the second media stream from the...

Claim
... is programmed to receive, buffer and output a
first stream of audio content from the **first** **internet**
based audio content **server** , using the **first** buffer to
buffer the first stream of audio content and transmit
the first stream of...

...second audio content provider,
receive and buffer the second stream of audio content
from the **second** **internet** based audio content **server** ,
using the **second** buffer to buffer the second stream of
audio content and transmit the second stream of...

...the second media server being coupled to a
global network of computers and capable of **transmitting** first
media **data** and **second** media data through the global **network** of
15 computers to the internet appliance, said system programmed to
perform the following steps:
upon receiving user input, negotiating connection with
the **first** media server and directing the **first** media
server to **transmit** **first** media **data** to the **internet**
appliance, said **internet** appliance having a **first**
buffer for storing the first media data;
outputting the first media data in the first...

...filled to a first low-water mark;
upon receiving user input, negotiating connection with
the **second** media server and directing the **second** media
server to **transmit** **second** media **data** to the **internet**
appliance, the **internet** appliance having a **second**
buffer for storing the second media data;
directing the **first** media **server** to cease **transmission** of
the **first** media **data** to the **internet** appliance when the
14
internet appliance receives user input directing it to
connect to the...

...the internet appliance has
negotiated connection with the first media server;
directing the media database **server** to **transmit** the **first**
media **data** to the **internet** appliance, said **internet**
appliance having a **first** buffer for storing the first
media data;
outputting the first media data in the first...

...the internet appliance
has negotiated connection with the second media server;
directing the media database **server** to **transmit** **second**
media **data** to the **internet** appliance through the global
network of computers, the internet appliance having a
second buffer for...

...the second media server being coupled to a
global network of computers and capable of **transmitting** first
media **data** and **second** media data through the global **network** of
computers to the internet appliance, said method comprising:
negotiating connection with the first media...

13/3,K/28 (Item 19 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00926010 **Image available**
DISTRIBUTED MULTICAST CACHING TECHNIQUE
TECHNIQUE REPARTIE DE MISE EN MEMOIRE TAMPON A MULTIDIFFUSION
Patent Applicant/Assignee:
INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road, Armonk, NY 10504, US, US (Residence), US (Nationality), (For all designated states except: US)
IBM (SCHWEIZ), Baendliweg 21, CH-8010 Zurich, CH, CH (Residence), CH (Nationality), (Designated only for: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
Patent Applicant/Inventor:
SATRAN Julian, 126/1 Shoshanat Hayam Street, 30300 Atlit, IL, IL (Residence), IL (Nationality), (Designated only for: US)
GERSHINSKY Gidon, 16 Kaufman Street, 34780 Haifa, IL, IL (Residence), IL (Nationality), (Designated only for: US)
Legal Representative:
WILLIAMS Julian David (agent), International Business Machines Corporation, Saeumerstrasse 4, CH-8803 Rueschlikon, CH,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200260127 A2-A3 20020801 (WO 0260127)
Application: WO 2002IB208 20020124 (PCT/WO IB0200208)
Priority Application: US 2001770558 20010126
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English

Filing Language: English
Fulltext Word Count: 3945

...International Patent Class: **G06F-017/30**
Fulltext Availability:
Detailed Description

Detailed Description
... the subsidiary cache to a multicast group of receivers.

The invention provides a system for **transmitting** **data** over a communications **network** , which includes a **first** **server** , having a 5 cache therein, The first server receives content from a content provider, and...

13/3,K/29 (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00918670 **Image available**
DISTRIBUTED ON-DEMAND MEDIA TRANSCODING SYSTEM AND METHOD
SYSTEME ET PROCEDE DE TRANSCODAGE DE SUPPORT SUR DEMANDE REPARTI
Patent Applicant/Assignee:
GENERIC MEDIA INC, 4600 Bohannon Drive, Suite 105, Menlo Park, CA 94025, US, US (Residence), US (Nationality)
Inventor(s):
LAI Angela C W, 1190 Morton Court, Mountain View, CA 94040, US,
HODDIE James Peter, 579 Ninth Avenue, Menlo Park, CA 94025, US,
CHARTOCK Howard E, P.O. Box 519, Los Altos, CA 94023, US,
PIRAZZI Christopher V, 442 Lakeview Way, Redwood, CA 94062, US,
AGNOLI Giovanni M, 3345 21st Street, Oakland, CA 94110, US,
CHOMSKY Harry A, 641 65th Street #A, Oakland, CA 94609, US,
CHEN Steven H, 815 Bond Place, Santa Clara, CA 95051, US,
HOKAMURA Hitoshi, 362 Dennis Avenue, Sunnyvale, CA 94086, US,
Legal Representative:
SOKOHL Robert (et al) (agent), Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W. - Suite 600, Washington, DC 20005-3934, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200252730 A1 20020704 (WO 0252730)
Application: WO 2001US48850 20011220 (PCT/WO US0148850)
Priority Application: US 2000742294 20001222
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 15304

...International Patent Class: **G06F-015/16** ...

... **G06F-015/173**

Search Performed by Sylvia Keys 11-Aug-04

Fulltext Availability:
Claims
Claim
... first destination type and a second destination type,
comprising:
a resource manager;
a first and **second** transmitting **server** ;
a first and **second** streaming **server** ; and
a **plurality** of transcoders for transcoding from a plurality of source types to a plurality of destination...

13/3,K/30 (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00916584 **Image available**
METHOD OF "SPLIT-BRAIN" PREVENTION IN COMPUTER CLUSTER SYSTEMS
PROCEDE DE PREVENTION DES DECONNEXIONS CEREBRALES DANS DES SYSTEMES A CONFIGURATION EN GRAPPE
Patent Applicant/Assignee:
LEGATO SYSTEMS INC, 2350 West El Camino Real, Mountain View, CA 94040, US , US (Residence), US (Nationality)
Inventor(s):
PRICE Daniel M, 11030 Manor Circle, Highland, UT 84003, US,
Legal Representative:
ISRAELSEN R Burns (et al) (agent), Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200250678 A1 20020627 (WO 0250678)
Application: WO 2001US49600 20011219 (PCT/WO US0149600)
Priority Application: US 2000257478 20001221; US 2001855592 20010514
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8106

Main International Patent Class: **G06F-011/00**
International Patent Class: **G06F-011/20** ...

... **G06F-011/30** ...

... **G06F-011/14** ...

... **G06F-011/16**
Fulltext Availability:
Claims

Claim
... a first server and a second server

interconnected by a communication link, each of said **first server** and said **second network server** including a file server operating system and at least one associated mass storage device such...

13/3,K/31 (Item 22 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00910822 **Image available**
MOBILE TERMINAL HAVING MULTIPLE PERSONAL INFORMATION MANAGEMENT FUNCTIONALITY
TERMINAL MOBILE A FONCTIONNALITES DE GESTION DE RENSEIGNEMENTS PERSONNELS MULTIPLES
Patent Applicant/Assignee:
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE-126 25 Stockholm, SE, SE (Residence), SE (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
NOVAK Lars, Mans Ols vag 13, S-237 91 Bjarred, SE, SE (Residence), SE (Nationality), (Designated only for: US)
BIRKLER Jorgen, N. Skolgatan 29 B, S-214 22 Malmo, SE, SE (Residence), SE (Nationality), (Designated only for: US)
Legal Representative:
O'CONNELL David Christopher (et al) (agent), Haseltine Lake & Co, Imperial House, 15-19 Kingsway, London WC2B 6UD, GB,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200244958 A1 20020606 (WO 0244958)
Application: WO 2001EP13878 20011128 (PCT/WO EP0113878)
Priority Application: US 2000728310 20001201
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EC EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 3166

Main International Patent Class: **G06F-017/60**
International Patent Class: **G06F-017/30**
Fulltext Availability:
Claims

Claim
... synchronization data
contained therein, wherein the multiple PIM functionality
module provides f or a separate **display** f ormat of **data** from
each of the **multiple** remote@ **servers** ; and
transceiver circuitry for communicating with the
plurality of remote servers through a wireless network...

13/3,K/32 (Item 23 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00896427
BROKER-MEDIATED ONLINE SHOPPING SYSTEM AND METHOD
SYSTEME ET PROCEDE D'ACHAT EN LIGNE ASSISTE PAR COURTIER
Patent Applicant/Inventor:
SOH Teong Gee, 275A 6th Avenue, Dynasty Garden II, Singapore 276564, SG, SG (Residence), SG (Nationality)
LEE Swee Hoong, 275A 6th Avenue, Dynasty Garden II, Singapore 276564, SG, MY (Residence), MY (Nationality)
Legal Representative:
DAVIS Peter J (et al) (agent), Morrison & Foerster LLP, 2000 Pennsylvania Avenue, N.W., Washington, DC 20006-1888, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200229508 A2 20020411 (WO 0229508)
Application: WO 2001IB2766 20011002 (PCT/WO IB0102766)
Priority Application: US 2000676979 20001002
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 15537

Main International Patent Class: **G06F**
Fulltext Availability:
Claims

Claim
... and for providing, to a shopper logged in to the broker network site through a **distributed network** , access to **first content** from a **first** at least one merchant **network** site displayed on the broker **network** site and to **second content displayed** on the broker **network** site, wherein the **second** content is based at least in part on the first content;
a shopping cart application...

13/3,K/33 (Item 24 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00885466 **Image available**
SYSTEM AND METHOD FOR TRANSMITTING AND RETRIEVING DATA VIA A DISTRIBUTED PERSISTENCE FRAMEWORK
SYSTEME ET PROCEDE DE TRANSMISSION ET D'EXTRACTION DE DONNEES PAR L'INTERMEDIAIRE D'UN CADRE DE PERSISTANCE REPARTI
Patent Applicant/Inventor:
VENKATARAMAIAH Ramesh, 5312 Carnaby Street #241, Irving, TX 75038, US, US (Residence), IN (Nationality)

HAROLD Michael D, 1119 Janther Place, Shreveport, LA 71104, US, US (Residence), US (Nationality)
Legal Representative:
VAN DYKE Raymond (et al) (agent), Dorsey & Whitney LLP, 1001 Pennsylvania Avenue, N.W., Suite 300 South, Washington, DC 20004, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200219652 A2-A3 20020307 (WO 0219652)
Application: WO 2001US26799 20010828 (PCT/WO US0126799)
Priority Application: US 2000228597 20000828
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4285

International Patent Class: **G06F-017/30**
Fulltext Availability:
Detailed Description

Detailed Description
... a Lightweight Directory Access Protocol (LDAP) request, designated by the reference numeral 135, to a **first** **Server** Machine 140 through the **network** 120. Server Machine 140 transmits an LDAP response 145 (with RI) back to the Persistence...

13/3,K/34 (Item 25 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00871887
A SYSTEM AND METHOD FOR CONTENT OPTIMIZATION
SYSTEME ET PROCEDE POUR OPTIMISATION DE CONTENU
Patent Applicant/Assignee:
I NOVATION INC, 1025 Westchester Avenue, White Plains, NY 10604, US, US (Residence), US (Nationality)
Inventor(s):
MOSKOWITZ Howard, 1025 Westchester Avenue, White Plains, NY 10604, US,
GOFMAN Alexander, 1025 Westchester Avenue, White Plains, NY 10604, US,
Legal Representative:
ULRICH Clifford A (agent), Kenyon & Kenyon, One Broadway, New York, NY 10004, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200205136 A1 20020117 (WO 0205136)
Application: WO 2001US21330 20010705 (PCT/WO US0121330)
Priority Application: US 2000613135 20000710
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9055

Main International Patent Class: **G06F-017/30**
International Patent Class: **G06F-017/60** ...

... **G06F-015/16** ...

... **G06F-015/173**
Fulltext Availability:
Detailed Description

Detailed Description
... from a user computing arrangement to a first: server arrangement via a 1 5 communications **network** ; transmitting a **second** request communication from the **first server** arrangement to a **second server** arrangement, the **second** request communication including data representing at least one characteristic of the user of the user...

13/3,K/35 (Item 26 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00863491 **Image available**
SYSTEM AND METHOD FOR LINKING INFORMATION IN A GLOBAL COMPUTER NETWORK
SYSTEME ET PROCEDE PERMETTANT LA LIAISON D'INFORMATIONS UN RESEAU INFORMATIQUE GLOBAL
Patent Applicant/Assignee:
MUREX SECURITIES LTD, BDO-Binder, Ragnall House, 36 Finch Road, Douglas, Isle of Man IM1 2PS, GB, GB (Residence), GB (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
SHAFFER James D, P.O. Box 9543, Rancho Santa Fe, CA 92067, US, US (Residence), US (Nationality), (Designated only for: US)
MOORE George G, 9411 Cornwall Farms Road, Great Falls, VA 22066-2701, US, US (Residence), IE (Nationality), (Designated only for: US)
Legal Representative:
HUNT Dale C (agent), Knobbe, Martens, Olson & Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200197072 A2 20011220 (WO 0197072)
Application: WO 2001US18918 20010613 (PCT/WO US0118918)
Priority Application: US 2000596024 20000615
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 16608

Main International Patent Class: **G06F-017/00**
Fulltext Availability:
Detailed Description

Detailed Description
... said consumar computer, Merein said consumar idantifier is based on said consumar data; providing a **second** merchant **server** with an **Internet** paga component, wherein transmission of said pago component lo said consumar computer allows said information...

13/3,K/36 (Item 27 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00853825
SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR DYNAMICALLY INSERTING CONTENT INTO WEB DOCUMENTS FOR DISPLAY BY CLIENT DEVICES
SYSTEMES, PROCEDES ET PRODUITS DE PROGRAMMES INFORMATIQUES DESTINES A **INSERER DYNAMIQUEMENT DU CONTENU DANS DES DOCUMENTS WEB DESTINES A ETRE AFFICHES PAR DES DISPOSITIFS CLIENTS**
Patent Applicant/Assignee:
WINDWIRE INC, 100 Perimeter Park Drive, Suite I, Morrisville, NC 27560, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
BORGER Dana, 130 Loch Lomond Circle, Cary, NC 27511, US, US (Residence), US (Nationality), (Designated only for: US)
COX Steve, 2506 Lake Elton Road, Durham, NC 27713, US, US (Residence), US (Nationality), (Designated only for: US)
GORDON Tom, 363 East 76 Street, Apt. 19A, New York, NY 10021, US, US (Residence), US (Nationality), (Designated only for: US)
SPITZ David, 5320 Deergrass Court, Raleigh, NC 27613, US, US (Residence), US (Nationality), (Designated only for: US)
SQUIRE Matthew, 10105 Touchwood Place, Raleigh, NC 27613, US, US (Residence), US (Nationality), (Designated only for: US)
THRASH Jay, 303 Trappers Run Drive, Cary, NC 27513, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
MYERS BIGEL SIBLEY & SAJOVEC (agent), P.O. Box 37428, Raleigh, NC 27627, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200186544 A2 20011115 (WO 0186544)
Application: WO 2001US13681 20010430 (PCT/WO US0113681)
Priority Application: US 2000202774 20000509; US 2000220559 20000725; US 2001799194 20010305
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9017

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... comprising.

sending a user request for a Web document from a client device to a **first** server, via a communications **network** ;
sending a request from the **first** **server** to a **second** **server** for content for inclusion within the Web document, wherein a location for the content is...

...comprising.

sending a user request for a Web document from a client device to a **first** server, via a communications **network** ;
sending a request from the **first** **server** to a **second** **server** for content for inclusion within the Web document, wherein a location for the content is...

13/3,K/37 (Item 28 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00844203 **Image available**
SYSTEM AND PROCESS FOR DELIVERY OF CONTENT OVER A NETWORK
SYSTEME ET PROCEDE DE DISTRIBUTION DE CONTENU SUR UN RESEAU
Patent Applicant/Assignee:
SONY PICTURES DIGITAL ENTERTAINMENT INC, 3960 Ince Boulevard, #1052, Culver City, CA 90232, US, US (Residence), US (Nationality)
Inventor(s):
RUSSELL John Christopher Park, 11427 Setrell Way, Culver City, CA 90230, US,
OUTTEN Todd Avery, P.O. Box 341831, Los Angeles, CA 90034, US,
SPAULDING Bryan Gentry, 55 Santa Clara Avenue, San Francisco, CA 94127, US,
Legal Representative:
RITTMASTER Ted R (agent), Foley & Lardner, 35th Floor, 2029 Century Park East, Los Angeles, CA 90067-3021, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200177783 A2-A3 20011018 (WO 0177783)
Application: WO 2001US11452 20010406 (PCT/WO US0111452)
Priority Application: US 2000195870 20000407; US 2000603805 20000626; US 2001273444 20010305
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 13613

Main International Patent Class: **G06F-015/16**
Fulltext Availability:
Detailed Description

Detailed Description
... website. In the illustrated example, the media servers include a first set of Windows Media **Servers** 54 and a **second** set of Real **Networks** Servers 56. The media servers 54 and 56 may be connected to a switch segment...

13/3,K/38 (Item 29 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00832718 **Image available**
GLOBAL DOCUMENT CREATION SYSTEM INCLUDING ADMINISTRATIVE SERVER COMPUTER
SYSTEME GLOBAL DE CREATION DE DOCUMENTS COMPORTANT UN SERVEUR ADMINISTRATIF
Patent Applicant/Assignee:
DICTAPHONE CORPORATION, 3191 Broadbridge Avenue, Stratford, CT 00614-2559 , US, US (Residence), US (Nationality)
Inventor(s):
HOWES Simon L, 58 Christiana Drive, Monroe, CT 06468, US,
ADAMS Christopher D, 2 Gross Road, North Hampton, NH 03842, US,
Legal Representative:
NEFF Gregor N (agent), Kramer Levin Naftalis & Frankel LLP, 919 Third Avenue, New York, NY 10022, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200165333 A2-A3 20010907 (WO 0165333)
Application: WO 2001US5402 20010221 (PCT/WO US0105402)
Priority Application: US 2000515902 20000229
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4669

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... recorder in the system.

1 5 According to a first aspect of the invention, a **distributed** computer dictation system includes a **data** -communication **network** , a **first server** computer connected to the data communication **network** , and a **plurality** of **second server** computers connected to the data communication **network** , where the **second server** computers each are programmed to store dictation job files and to selectively download the dictation...

...workstations connected to the second server computer from time to time via the data communication **network** , and the **first server** computer is programmed to receive log-on signals from the transcriber workstations via the data...

Claim
I A **distributed** dictation system, comprising:
a **data** communication **network** ;
a **first server** computer connected to the data communication **network** ;
and
a **plurality** of **second server** computers connected to the data communication **network** , the **second server** computers each being programmed
to store dictation j ob files and to selectively download the...

...the second server computers from time
transcri
I 0 to time via the data communication **network** ;
the **first server** computer being programmed to receive log-on signals from the transcriber workstations via the data...

13/3,K/39 (Item 30 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00826966 **Image available**
TRANSPORTATION SYSTEM FOR ON-LINE TRANSACTIONS
SYSTEME DE TRANSPORT UTILISE POUR DES TRANSACTIONS EN LIGNE
Patent Applicant/Inventor:
MUNOZ Fernando, P.O. Box 864, New York, NY 10163, US, US (Residence), ES (Nationality)
Legal Representative:
GARNER Melvin C (et al) (agent), Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200159627 A1 20010816 (WO 0159627)
Application: WO 2001US4553 20010212 (PCT/WO US0104553)
Priority Application: US 2000181570 20000210; US 2000188731 20000313; US 2000194430 20000404; US 2000197284 20000414; US 2000211327 20000612; US 2000241949 20001020
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11856

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
Claims

Claim
... Internet payment system, comprising:
a user device with a processor, Internet connection apparatus and an **Internet**
browser;
a **first** participating financial institution **server** maintained by a financial institution at which the user has a financial account, said first...

13/3,K/40 (Item 31 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00826088 **Image available**
METHOD, SYSTEM AND DEVICES FOR WIRELESS DATA STORAGE ON A SERVER AND DATA RETRIEVAL
PROCEDE, SYSTEME ET DISPOSITIFS POUR LE STOCKAGE DE DONNEES SANS FIL SUR UN SERVEUR ET RECUPERATION DE DONNEES ASSOCIEE
Patent Applicant/Assignee:
SONY CORPORATION OF AMERICA, 550 Madison Avenue, New York, NY 10022-3211, US, US (Residence), US (Nationality)
Inventor(s):
YUKIE Satoru, 17847 Toltec Court, San Diego, CA 92127, US,
EUBANKS Gina C, 3683 Cliff Way, Oceanside, CA 92056, US,
AOKI Ken, 12873 Gambusa Way, San Diego, CA 92129, US,
Legal Representative:
O'BANION John P (agent), O'Banion & Ritchey LLP, Suite 1550, 400 Capitol Mall, Sacramento, CA 95814, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200159622 A2-A3 20010816 (WO 0159622)
Application: WO 2001US4084 20010207 (PCT/WO US0104084)
Priority Application: US 2000180984 20000208; US 2000181129 20000208; US 2000180990 20000208; US 2000180987 20000208; US 2000180985 20000208; US 2000181148 20000208; US 2000181144 20000208; US 2000181145 20000208; US 2000180992 20000208; US 2000181105 20000208; US 2000181128 20000208; US 2000180998 20000208; US 2000181147 20000208; US 2000181127 20000208; US 2000180991 20000208; US 2000180993 20000208; US 2000191184 20000322; US 2000192264 20000327; US 2000542126 20000404
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 14268

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
Detailed Description

Detailed Description
... where the data will be stored or converted to TCP/IP for transmission over the **Internet** 22 to **second** data **server** 46. Data can later be retrieved from either first data server 40 or second data...

13/3,K/41 (Item 32 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00818592 **Image available**
METHOD AND APPARATUS FOR AUTOMATICALLY FILLING ON-LINE FORMS BY A THIRD-PARTY SERVER
PROCEDE ET APPAREIL UTILES POUR FAIRE REMPLIR EN DIRECT DES FORMULAIRES PAR UN SERVEUR TIERS
Patent Applicant/Assignee:
YODLEE COM INC, 3600 Bridge Parkway, 2nd Floor, Redwood Shores, CA 94065, US, US (Residence), US (Nationality)
Inventor(s):
SATYAVOLU Ramakrishna, Apt. 154, 3707 Poinciana Drive, Santa Clara, CA 95051, US,
Legal Representative:
BOYS Donald R (agent), P.O. Box 24, Aromas, CA 95004, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200152076 A1 20010719 (WO 0152076)
Application: WO 2000US42156 20001113 (PCT/WO US0042156)
Priority Application: US 2000483717 20000113
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7272

Main International Patent Class: **G06F-015/00**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... form stored at the first Internetconnected server. The computer station requests the form from the **second** Internetconnected **server** ,

the **first** **Internet** -connected **server** , executing the **first** software intercepts the form, fills the form with the stored user data, and sends the...
...computer station, executing the second software sends the filled form with the cookie to the **second** **Internet** -connected **server** .

In one embodiment the form is a log-in form required by the second Internetconnected...

Claim
... user of the computer station.

3 A system for transparently filling a form by a **first** Intemet-connected **server** , the form required by a **second** **Internet** -connected **server** from a user of an **Internet** connected computer station, comprising:
first software executing on the computer station;
second software operating on the first Intemet-connected server; and
user data for filling the form stored at the **first** **Internet** -connected **server** ; wherein the computer station, monitored by the **first** **Internet** -connected **server** , requests the form from the second Interriet-connected server, the first Internetconnected server receives the...

...and the computer station sends the filled form with the cookie, if required, to the **second** **Internet** -connected **server** . - 20

4 The system of claim 3 wherein the form is a log-in form...

13/3,K/42 **(Item 33 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00809350 **Image available**
ATTRIBUTE AND APPLICATION SYNCHRONIZATION IN DISTRIBUTED NETWORK ENVIRONMENT
SYNCHRONISATION D'ATTRIBUTS ET D'APPLICATIONS DANS UN ENVIRONNEMENT RESEAU REPARTI
Patent Applicant/Assignee:
NOVIENT INC, Suite 620, Eight Piedmont Center, 3525 Piedmont Road, Atlanta, GA 30305, US, US (Residence), US (Nationality)
Legal Representative:
JURGOVAN Jon M (agent), Morris, Manning & Martin, LLP, 1600 Atlanta Financial Center, 3343 Peachtree Road, NE, Atlanta, GA 30326, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200142966 A2-A3 20010614 (WO 0142966)
Application: WO 2000US33792 20001213 (PCT/WO US00033792)
Priority Application: US 99170460 19991213; US 99459734 19991213
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 27836

Main International Patent Class: **G06F-017/30**
International Patent Class: **G06F-009/46**
Fulltext Availability:
Detailed Description

Detailed Description
... message as an 04L document including the message type and any attribute(s) to the **second server** 20 via the **network** 4. The **first server** 10 can use encryption key data to encrypt the **data** within the XML document before **transmission** over the **network** 4. The **first server** 12 can include in the XML document the user name and password identifying the requesting...
...to parse the)CVIL document.

The second server 20 receives the NIAL document from the **first server** 10 via the **network** 4, determines (optionally) whether the user name and password authorize access to the document. The...and encryption/decryption keys for use by the second server 20 to encrypt or decrypt **data sent** to or received from the **first server** IO via **network** 4.

It should be appreciated that a second user of the client device 21 can ...

...generate and transmit the message type and attribute data in an HTML message to the **second server** 20 via the **network** 23. The **second server** 20 receives the message type data and optional attribute(s), determines if the message type...

...the first application is permitted. The second server 20 transmits such XML document to the **first server** 10 via the **network** 4. The **first server** 10 receives this XML document and extracts message type and attribute data therefrom.
5 The...by the first server 10. In step S5, URL(s) for secured access via the **network** 4 to **second server** (s) 20, 30, are
24
mapped to respective message type data. This step is generally...in
25
the second database in the unit 12. In step S26 the LTRL for **network** access to the **first server** 10 is mapped to respective message type data. In step S27 the second server(s) 20, 30 store the LTRL for **network** access to the **first server** 10 in association with respective message type data in the second database(s) in the...second server(s) 20, 30 transmits the signal including the second attribute data to the **first server** 10 via the **network** 4. In step S34 the **first server** 10 receives the **second** attribute data from the second server(s) 20, 30. In step S35 the first server...

...the first server 10 maps the first attribute data to the second attribute data. The **first server** 10 can use one of **numerous** index and/or search engine(s) to assist in the performance of this step. In... transmits the
27
signal including the message type and attribute(s) data from the local **server** 10 to the **second server** (s) 20, 30 via the **network** 4. The **first server** 10 can use the **second server** URL retrieved in step

S21 to transmit the signal including the message type and attribute...

...30 receives the signal indicating the message type and first attribute(s) data from the **first server** 10 via the **network** 4. In step S26 of Fig. 6B the second server(s) 20, 30 decrypts the...second server(s) to the first server 10. The second server(s) 20, 30 can **transmit** the signal including the result **data** to the **first server** 10 via the **network** 4. In step S35 the **first server** receives the signal including the result data from the **second server** (s) 20, 30 via the **network** 4. In step S36 the **first server** 10 decrypts the result data from the second server(s) 20, 30. The first server...server 10 receives a signal including message type data and second attribute data from the **second server** (s) 20, 30 via the **network** 4. In step S3 the **first server** 10 decrypts the message type data and second attribute data included in the received signal...

13/3,K/43 (Item 34 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00807454 **Image available**
INTERACTIVE ON LINE WAGERING SYSTEM
SYSTEME DE PARI EN LIGNE INTERACTIF
Patent Applicant/Assignee:
SPORTXITE LIMITED, 40 Albany Street, St Leonards, NSW 2065, AU, AU (Residence), AU (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
BUTTSWORTH Gary Francis, 11 Lanceley Avenue, Carlingford, NSW 2118, AU, AU (Residence), AU (Nationality), (Designated only for: US)
HOUSTON John Michael Nairn, 24 Morella Road, Mosman, NSW 2088, AU, AU (Residence), AU (Nationality), (Designated only for: US)
RYAN Timothy John, 7 Wharf Road, Longueville, NSW 2066, AU, AU (Residence), AU (Nationality), (Designated only for: US)
WOODWARD Scott Hammond, Unit 8, 1-5 Harwood Street, Pyrmont, NSW 2009, AU , AU (Residence), AU (Nationality), (Designated only for: US)
Legal Representative:
WALSH & ASSOCIATES (agent), Patent and Trade Mark Attorneys, P.O. Box 4306, Penrith Plaza, NSW 2750, AU,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200141035 A1 20010607 (WO 0141035)
Application: WO 2000AU1494 20001203 (PCT/WO AU0001494)
Priority Application: AU 994453 19991203
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 10006

Main International Patent Class: **G06F-019/00**
International Patent Class: **G06F-155/00**

Fulltext Availability:
Claims

Claim
... the system comprises@ at least one remote participant having electronic means to connect to an **Internet** web site" a **first** **server** associated with said web site; a computer in communication with said server and
in communication...base containing materials and data including bookmaker odds from a first bookmaker linked to said **second** **serverl** - and a **plurality** of additional **servers** each linked to a corresponding data base which contains betting information about a bookmaker in...

...OF 'kiosk' computer enabling connection to a plurality of betting ring data bases via an **Internet**
web site-,
a **first** **server** associated with said web site; a computer in communication with said server and
in communication...

...containing materials and data including bookmaker
C
odds from a first bookmaker linked to said **second** **server** , and a **plurality** of additional **servers** each linked to a corresponding data base which contains betting information about a bookmaker in...the system cornprises@ at least one remote participant having electronic means to connect to an **Internet** host provider
web site,
a **first** **server** associated with said web site-, a computer in communication with said server and in communication...

...base containing materials and data including bookmaker odds from a first bookmaker linked to said **second** **server** , and a **plurality** of additional **servers** each linked to a corresponding data base which contains betting information about a
bookmaker in...

...remote participant to a plurality of betting ring data bases via an operator and/or **Internet** host
provider web site,
a **first** **server** associated with said web site, a computer in communication with said server and
in communication...

...base containing materials and data including bookmaker odds from a first bookmaker linked to said **second** **server** -, and a **plurality** of additional **servers** each linked to a corresponding data base which contains betting information about a bookmaker in...

13/3,K/44 **(Item 35 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT

00805426 **Image available**
METHOD FOR OPERATING AN INTEGRATED POINT OF PRESENCE SERVER NETWORK
PROCEDE D'UTILISATION D'UN POINT DE INTEGRE DE RESEAU DE PRESENCE SERVEUR
Patent Applicant/Assignee:
SPEEDERA NETWORKS INC, 4800 Great America Parkway, Santa Clara, CA 95054, US, US (Residence), US (Nationality)

Patent Applicant/Inventor:
DAY Richard David, 912 Rich Avenue #3, Mountain View, CA 94040, US, US (Residence), US (Nationality)
SWILDENS Eric Sven-Johnan, 723 Tiana Lane, Mountain View, CA 94041, US, US (Residence), US (Nationality)
GUPTA Ajit, 33635 Quail Run Road, Fremont, CA 94555, US, US (Residence), IN (Nationality)
Legal Representative:
PANG Steven Y (et al) (agent), Townsend and Townsend and Crew LLP, 2 Embarcadero Center, 8th Floor, San Francisco, CA 94111, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139003 A1 20010531 (WO 0139003)
Application: WO 2000US31939 20001121 (PCT/WO US0031939)
Priority Application: US 99166906 19991122; US 2000648420 20000823; US 2000644927 20000823; US 2000645067 20000823
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 10049

Main International Patent Class: **G06F-015/173**
Fulltext Availability:
Claims

Claim
... the probe server in the POP server network to deten-nine latencies between the probe **server** to a **plurality** of **second** customer web **servers** , each of the **second** customer web **servers** having the other web page;
using the POP DNS **server** to determine a **second** customer web **server** from
1 1 the **plurality** of **second** customer web **servers** in response to the latencies, the second customer web server having a latency lower than latencies of other **second** customer web **servers** in the **plurality** of **second** customer web **servers** ;
requesting the other web **page** from the **second** customer web **server** , the other
web page including a web address associated with static data; and
sending the...

13/3,K/45 (Item 36 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00805407 **Image available**
A SYSTEM AND METHOD FOR MAINTAINING FAULT TOLERANCE WHEN DELIVERING MEDIA ON DEMAND
SYSTEME ET PROCEDE PERMETTANT D'ASSURER UNE TOLERANCE AUX PANNES LORS DE LA FOURNITURE D'UN MEDIA SUR DEMANDE

Patent Applicant/Assignee:
FUTURE TV TECHNOLOGIES LTD, Dublin, IE, GB (Residence), GB (Nationality), (For all designated states except: US)
RZUCIDLO Eugene C, Greenberg Traurig LLP, 885 Third Avenue, New York, NY 10022, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
BROWN Julian, 19 Ascham Road, Cambridge CB4 2BD, GB, GB (Residence), GB (Nationality), (Designated only for: US)
RAND Ricky, Orchard House, 40 Barrington Road, Foxton, Cambridge CB2 6SJ, GB, GB (Residence), GB (Nationality), (Designated only for: US)
CLARK Paul, The Old Mill, Mount Hawk, Truro, Cornwall TR4 8BL, GB, GB (Residence), GB (Nationality), (Designated only for: US)
Legal Representative:
RZUCIDLO Eugene C (et al) (agent), Greenberg Traurig LLP, 885 Third Avenue, 21St Floor, New York, NY 10022-4834, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200138984 A1 20010531 (WO 0138984)
Application: WO 2000US32551 20001129 (PCT/WO US0032551)
Priority Application: US 99167873 19991129; US 99170388 19991213
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 6349

Main International Patent Class: **G06F-011/00**
Fulltext Availability:
Detailed Description

Detailed Description
... media content in its region, and the distance (hops) of the media content from the **network** manager. If known at the **first** mapping **server** , the request is responded to directly with the address of the first media server holding...

13/3,K/46 (Item 37 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00799897 **Image available**
METHOD AND APPARATUS FOR REAL-TIME REPORTING OF ELECTRONIC COMMERCE ACTIVITY
PROCEDE ET DISPOSITIF PERMETTANT D'ETABLIR UN RAPPORT EN TEMPS REEL SUR UNE ACTIVITE COMMERCIALE ELECTRONIQUE
Patent Applicant/Assignee:
WEBTRENDS CORPORATION, Suite 1200, 851 S.W. 6th Avenue, Portland, OR 97204, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:

SHAPIRA Elijahu, 2434 NW Pinnacle Drive, Portland, OR 97229, US, US (Residence), IL (Nationality), (Designated only for: US)
LU Victor, 15236 N.W. Mauresa Ct., Portland, OR 97219, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
JOHNSON Alexander C Jr (et al) (agent), Marger Johnson & McCollom, P.C., 1030 S.W. Morrison Street, Portland, OR 97205, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200133470 A1 20010510 (WO 0133470)
Application: WO 2000US30647 20001106 (PCT/WO US0030647)
Priority Application: US 99163710 19991105
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4042

Main International Patent Class: **G06F-017/60**

English Abstract
...The data mining code is operated on the visitor computer to obtain technical and commercial **data** and **sent** to a **second** **server** on the wide area **network** for logging and analysis.

13/3,K/47 (Item 38 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00787397 **Image available**
SYSTEMS AND METHODS FOR CONTROLLING INTERNET-BASED DISTRIBUTION OF VIDEO AND OTHER DATA
SYSTEME ET PROCEDE PERMETTANT DE MAITRISER LA DISTRIBUTION DE VIDEOS ET D'AUTRES DONNEES SUR L'INTERNET
Patent Applicant/Assignee:
VIDEOSDOTCOM INC, 2570 El Dorado Parkway, Suite 120, McKinney, TX 75070, US, US (Residence), US (Nationality)
Inventor(s):
JAVED Shoeb M, 7832 Alderwood Place, Plano, TX 75025, US,
TUDER John E, 6668 County Road 177, Celina, TX 75009, US,
ADIVI Venkatesh, 11020 Huebner Oakes, Apt. 924, San Antonio, TX 78230, US,
Legal Representative:
MUNCK William A (et al) (agent), Novakov Davis & Munch, P.C., 900 Three Galleria Tower, 13155 Noel Road, Dallas, TX 75240, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200120917 A1 20010322 (WO 0120917)
Application: WO 2000US25120 20000913 (PCT/WO US00025120)
Priority Application: US 99153735 19990913; US 2000547204 20000412
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9064

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... player and, in
response to receipt of said video delivery message is
further capable of **transmitting** to said **first** video content
server a **second** payment amount.

9 A communication **network** comprising:
.0 a plurality of subscriber video player capable of
receiving video files;
a plurality...

13/3,K/48 (Item 39 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00787387 **Image available**
SYSTEM FOR EXTENDING A RENTAL PERIOD OF DOWNLOADED VIDEO
SYSTEME PERMETTANT D'ETENDRE LA DUREE DE LOCATION D'UN FICHIER VIDEO TELECHARGE
Patent Applicant/Assignee:
VIDEOSDOTCOM INC, 2570 El Dorado Parkway, Suite 120, McKinney, TX 75070, US, US (Residence), US (Nationality)
Inventor(s):
JAVED Shoeb M, 7832 Alderwood Place, Plano, TX 75025, US,
TUDER John E, 6668 County Road 177, Celina, TX 75009, US,
ADIVI Venkatesh, 11020 Huebner Oakes, Apt. 924, San Antonio, TX 78230, US,
Legal Representative:
MUNCK William A (et al) (agent), Novakov Davis, P.C., Suite 2000, 750 North St. Paul Street, Dallas, TX 75201-3286, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200120907 A1 20010322 (WO 0120907)
Application: WO 2000US25121 20000913 (PCT/WO US0025121)
Priority Application: US 99153735 19990913; US 2000621839 20000724
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9026

...International Patent Class: **G06F-015/16**
Fulltext Availability:
Claims

Claim
... receipt of the first video rental extension message, transmits to a first one of the **plurality** of video content **servers** having the **first** video file a rental extension request message comprising a subscriber identifier associated with a first...of said .5 first video rental extension message, transmits to a first one of said **plurality** of video content **servers** having said **first** video file a rental extension request message comprising a subscriber identifier associated with said f...receipt of the first video rental extension message, transmitting to a first one of the **plurality** of video content **servers** having the **first** video file a rental extension request message comprising a subscriber identifier associated with the first...

13/3,K/49 (Item 40 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00783284 **Image available**
A METHOD AND APPARATUS FOR INCENTIVIZING PREDETERMINED ACTIONS ON THE WEB
PROCEDE ET APPAREIL INCITANT A DES ACTIONS PREDETERMINEES SUR LE WEB
Patent Applicant/Assignee:
ESSENTIAL COM INC, 4th floor, Three Burlington Woods, Burlington, MA 08103, US, US (Residence), US (Nationality)
Inventor(s):
GARLAND Akhil, 103 Revolution Road, Concord, MA 01742, US,
Legal Representative:
GIANNETTA Michael J (agent), Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116832 A2 20010308 (WO 0116832)
Application: WO 2000US23141 20000823 (PCT/WO US0023141)
Priority Application: US 99388523 19990902
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 3156

(c) recording pager IDs of clients associated with each future event at the
second server...

13/3,K/52 (Item 43 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00766057 **Image available**
ENHANCED SECURITY FOR APPLICATIONS EMPLOYING DOWNLOADABLE EXECUTABLE CONTENT
SECURITE RENFORCEE DANS DES APPLICATIONS COMPRENANT UN CONTENU EXECUTABLE TELECHARGEABLE
Patent Applicant/Assignee:
GTE LABORATORIES INCORPORATED, 1209 Orange Street, Wilmington, DE 19801, US, US (Residence), US (Nationality)
Inventor(s):
SHAMBROOM W David, 96 Overlook Road, Arlington, MA 02474-1411, US
Legal Representative:
SUCHYTA Leonard Charles, GTE Service Corporation, 600 Hidden Ridge HQE03G13, Irving, TX 75038, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200079432 A1 20001228 (WO 0079432)
Application: WO 2000US16055 20000612 (PCT/WO US0016055)
Priority Application: US 99336557 19990618
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9252

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
Claims

Claim
... application using downloadable
executable content in a computer network, the method comprising:
providing the computer **network** with a **first** and a **second** client, and a **first**
and a **second server** ;
operatively coupling the **first** client to the first server;
establishing enciphered communication between the first client and the first...

13/3,K/53 (Item 44 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00764207 **Image available**

VEHICLE COMPUTERIZED NETWORK SYSTEM

SYSTEME DE RESEAU INFORMATISE POUR VEHICULE

Patent Applicant/Assignee:
SUN MICROSYSTEMS INC, 901 San Antonio Road, Palo Alto, CA 94303, US, US (Residence), US (Nationality)

Inventor(s):
RAZAVI Behfar, 7145 Glenview Drive, San Jose, CA 95120, US,
DENSMORE Owen M, 2590 Ross Road, Palo Alto, CA 94303, US,
MARTIN Guy W, 448 Sydenham Court, San Jose, CA 95111, US,

Legal Representative:
KIVLIN B Noel (agent), Conley, Rose & Tayon, P.C., P.O. Box 398, Austin, TX 78767-0398, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200077620 A2-A3 20001221 (WO 0077620)
Application: WO 2000US16496 20000614 (PCT/WO US0016496)
Priority Application: US 99332344 19990614; US 99332345 19990614; US 99332346 19990614; US 99332347 19990614; US 99332348 19990614

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 12559

Main International Patent Class: **G06F-009/445**

Fulltext Availability:
Claims

Claim
... primary network comprising:
in a first mode,
said sub-network establishing communications with said primary **network** ,
1 5 **transmitting first data** from said sub- **network** to said primary **network** , and
transmitting second data from said primary **network** to said sub-network;
in a second mode,
said sub-network establishing communications with said primary network and a proxy **server** , **transmitting** said **first data** from said sub-**network** to said primary **network** , **transmitting** said **second data** from said primary **network** to said proxy **server** , and **transmitting** said **second data** from said proxy server to said sub-network.

35 The method of claim 34 further...

...said said proxy server, transmitting said first data from said proxy server to said primary **network** , transmitting said **second** data from said primary **network** to said proxy **server** , and **transmitting** said **second data** from said proxy server to said sub-network.

37 The method of claim 36 wherein...

13/3,K/54 (Item 45 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00758811 **Image available**
CUSTOMER LEAD MANAGEMENT SYSTEM
SYSTEME DE GESTION DE PISTES DE CLIENTS EVENTUELS
Patent Applicant/Assignee:
MARKETSOFT SOFTWARE CORPORATION, Suite 132, 10 Maguire Road, Lexington, MA 02421-3112, US, US (Residence), US (Nationality)
Inventor(s):
BURGH Christopher P, -,
GILBY Nancy Benovich, Concord, MA 01742, US,
EVETT Charles, Concord, MA 01742, US,
FEAREY Peter, Sudbury, MA 01776, US,
ERMAN Gregory, Sudbury, MA 01776, US,
TIU David, Somerville, MA, US,
MANDEL John, Acton, MA 01720, US,
Legal Representative:
PRAHL Eric L (agent), Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200072210 A1 20001130 (WO 0072210)
Application: WO 2000US14092 20000522 (PCT/WO US0014092)
Priority Application: US 99135521 19990521
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CA JP
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 9055

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... A method for processing customer leads comprising:
configuring a lead processing system, including configuring a **first server** by accepting
a **first plurality** of rules for routing leads at the first server; and
routing leads through the system...

13/3,K/55 (Item 46 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00753810 **Image available**
DISTRIBUTED MANUFACTURING WITH FEEDBACK
FABRICATION REPARTIE AVEC RETROACTION
Patent Applicant/Assignee:
SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US (Residence), US (Nationality)
Inventor(s):
ITO Tokitaka, 10954 Poblado Road #3024, San Diego, CA 92127, US

HIRANO Yasuyoshi, 14717 Fieldview Way, Poway, CA 92064, US
MIURAKAMI Yukio, 2318 Amber Lane, Escondido, CA 92026, US
Legal Representative:
TOBIN Christopher M, 123 Tice Boulevard - MD T1-1, Woodcliff Lake, NJ 07675, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200067190 A1 20001109 (WO 0067190)
Application: WO 2000US11444 20000428 (PCT/WO US0011444)
Priority Application: US 99132035 19990430; US 2000561496 20000428
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 6933

Main International Patent Class: **G06F-019/00**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... implementation, a system for assembling a device at more than one manufacturing site includes: a **network server** ; a **first** manufacturing site, where the first manufacturing site comprises: first assembly equipment for mounting a deflection...
...which affects the operation of the deflection yoke; a first data connection connected to the **first** adjustinnet equipment and the **network server** ; and a **second** manufacturing site, where the second manufacturing site comprises: second assembly equipment for mounting the CRT...

...which affects the operation of the deflection yoke; a second data connection connected to the **second** adjustment equipment and the **network** server, where control **data** is **sent** from the first manufacturing site to the second manufacturing site through the network server and...

Claim
... 40 A system for assembling a device at more than one manufacturing site, comprising:
a **network server** ;
a **first** manufacturing site, where the first manufacturing site comprises:
first assembly equipment for mounting a deflection...

...yoke;
a first data connection connected to the first adjustinnet equipment and the
I I **network server** ; and
a **second** manufacturing site, where the second manufacturing site

comprises:
second assembly equipment for mounting the CRT...

...which affects the
operation of the deflection yoke;
a second data connection connected to the **second** adjustment equipment and the **network** server, where control **data** is **sent** from the first manufacturing site to the 2 1 second manufacturing site through the network...

13/3,K/56 (Item 47 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00747082 **Image available**
FACILITATING REAL-TIME, MULTI-POINT COMMUNICATIONS OVER THE INTERNET
TENUE DE COMMUNICATIONS MULTIPOINT EN TEMPS REEL DANS L'INTERNET
Patent Applicant/Assignee:
LIPSTREAM NETWORKS INC, 20401 Stevens Creek Boulevard, Cupertino, CA 95014, US, US (Residence), US (Nationality)
Inventor(s):
SAVAGE James A III, 5815 Ponce Court, San Jose, CA 95120, US
MULLER Sophie, 1650 Waverly Street, Palo Alto, CA 94301, US
Legal Representative:
VILLENEUVE Joseph M, Beyer Weaver & Thomas, LLP, P.O. Box 130, Mountain View, CA 94042-0130, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200060472 A1 20001012 (WO 0060472)
Application: WO 2000US8179 20000327 (PCT/WO US0008179)
Priority Application: US 99128037 19990406; US 99312927 19990517; US 99432885 19991102
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 19330

Main International Patent Class: **G06F-013/00**
Fulltext Availability:
Claims

Claim
... the request, determining whether the first conference is currently being facilitated on any of a **plurality** of media **servers** ; where the **first** conference is currently being facilitated on a first one of the **plurality** of media **servers** , statelessly dispatching the **first** client to the first conference
on the first media server; and
I 0 where the...

13/3,K/57 (Item 48 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00733709 **Image available**
ADDRESSING IN THE INTERNET
ADRESSAGE DANS INTERNET
Patent Applicant/Assignee:
TELEFONAKTIEBOLAGET LM ERICSSON (publ), S-126 25 Stockhom, SE, SE (Residence), SE (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
LAIHO Keijo, Metsatorpantie 2 G 20, FIN-02430 Masala, FI, FI (Residence), FI (Nationality), (Designated only for: US)
Legal Representative:
BORENIUS & CO OY AB, Kansakoulukuja 3, FIN-00100 Helsinki, FI
Patent and Priority Information (Country, Number, Date):
Patent: WO 200046696 A2 20000810 (WO 0046696)
Application: WO 2000FI74 20000202 (PCT/WO FI0000074)
Priority Application: FI 99192 19990202
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 2911

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... system connected to a data network to.

transmit a resource locator retrieval request to a **first network server** over a **data network** ;
download an electronic file from the **first network server** and which is stored at an address identified by said resource locator, the file containing a hyperlink pointing to a resource locator at a **second network server** ;
in response to selection of the hyperlink, transmit a resource locator retrieval request to said **second network server** ;
in the event that the second mentioned resource locator is incorrect, to receive from the **second network server** an error message; and
transmit the error message to said **first network server** .

Rrie-f Dc@scrjj2tinn of the Drawinc
is
For a better understanding of the present...

Claim
... system connected to a data network to:
transmit a resource locator retrieval request to a **first network server** over a **data network** ;
download an electronic file from the **first network server** and which is stored at an address identified by said resource locator, the file containing a hyperlink pointing to a resource locator at a **second network server** ;
in response to selection of the hyperlink, transmit a resource locator retrieval request to said **second network server** ;
in the event that the second mentioned resource locator is incorrect, to receive from the **second network server** an error message; and
transmit the error message to said **first network server** .
1
8
4 5
0
0
no
3
7
F i @zure I
Send resource...

...request from client's browser to URL of source page
I
Direct request via the **Internet** to **first** web **server**
Return source page from web server to client's browser
Click hyperl at browser and...

13/3,K/58 (Item 49 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00579155 **Image available**
METHOD AND SYSTEM FOR DATABASE-DRIVEN, SCALABLE WEB PAGE DEVELOPMENT, DEPLOYMENT-DOWNLOAD, AND EXECUTION
PROCEDE ET SYSTEME DE CREATION, D'INSTALLATION, DE TELECHARGEMENT ET D'EXECUTION D'UNE PAGE WEB EVOLUTIVE EXPLOITANT UNE BASE DE DONNEES
Patent Applicant/Assignee:
ONYEABOR Gillis E,
Inventor(s):
ONYEABOR Gillis E,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200042528 A1 20000720 (WO 0042528)
Application: WO 2000US1016 20000114 (PCT/WO US0001016)
Priority Application: US 99231123 19990115
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB

GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 19689

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
Claims

Claim
... first communication means, sends the Web page
document to a server-side computer over a **first network** ;
the **server** -side computer having at least one communication means, a
second processor means, and a second...

13/3,K/59 (Item 50 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00559186 **Image available**
SYSTEM AND USE FOR CORRESPONDENT BANKING
SYSTEME DE RELATIONS AVEC DES CORRESPONDANTS BANCAIRES ETTILISATION DE CE DERNIER
Patent Applicant/Assignee:
CITIBANK N A,
Inventor(s):
SLATER Alan,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200022559 A1 20000420 (WO 0022559)
Application: WO 99US19627 19990827 (PCT/WO US9919627)
Priority Application: US 9898196 19980827; US 99237739 19990126
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN
TD TG
Publication Language: English
Fulltext Word Count: 10043

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... a
deposit account number.
I 11. A system for processing a financial transaction comprising:
a **first network** for **transmitting** a **first data** message;
SUBSTITUTE SHEET (RULE 26)
a first server for receiving the first data message, decrypting the first
data message, and reformatting the first data message into a **second**
data message-,

a **second** **network** for **transmitting** the **second** **data** message; and
a **second** **server** for receiving the **second** data message.

12 A system according to claim I 1, wherein the first data message...

...message, decrypting the first data message,
and reformatting the first data message into a second **data** message at a **first** **server** ;
transmitting the **second** **data** message over a **second** **network** ; and
receiving the **second** data message at a **second** **server** from the **second** **network** .

25 A method according to claim 24, wherein the first data message is in a...

13/3,K/60 **(Item 51 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00524842 **Image available**
SYSTEM AND METHOD FOR AUTHENTICATING A USER TO MULTIPLE SERVERS IN A DISTRIBUTED COMPUTING NETWORK
SYSTEME ET PROCEDE D'AUTHENTIFICATION D'UN UTILISATEUR AUPRES DE PLUSIEURS SERVEURS DANS UN RESEAU D'INFORMATIQUE REPARTIE
Patent Applicant/Assignee:
EC CUBED INC,
Inventor(s):
BARTOLOMEOS Ephrem,
WAINGANKAR Pramod,
RENGARAJAN Vasu,
HOQUE Faisal,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9956194 A2 19991104
Application: WO 99US9441 19990429 (PCT/WO US9909441)
Priority Application: US 9883714 19980430; US 99283540 19990401
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CN IN JP RU AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 6243

Main International Patent Class: **G06F-001/00**
Fulltext Availability:
Claims

Claim
... wherein the first server, the second server, and the client communicate in a distributed computing **network** , wherein the **first** **server** and the **second** **server** store a **plurality** of restricted resources, and wherein the system comprises:
(a) a first memory associated with the...

13/3,K/61 **(Item 52 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00397646

A PROXY-SERVER SYSTEM FOR ENHANCING FUNCTIONALITY OF COMPUTERS ACCESSING SERVERS ON THE INTERNET
SYSTEME DE SERVEUR INTERMEDIAIRE ("PROXY") DESTINE A ACCROITRE LA FONCTIONNALITE DE SERVEURS D'ACCES INFORMATIQUE SUR L'INTERNET
Patent Applicant/Assignee:
LEXTRON SYSTEMS INC,
Inventor(s):
KIKINIS Dan,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9738389 A2 19971016
Application: WO 97US5545 19970403 (PCT/WO US9705545)
Priority Application: US 96629475 19960410
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CN JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 8535

Main International Patent Class: **G06F-005/01**
Fulltext Availability:
Claims

Claim
... is a telephone
connection with a telephone modem in the field computer. - 23

8 An **Internet** Proxy- **Server** comprising:
a **first** data port adapted for accessing other **Internet** **servers** ; and
a **second** data port adapted for connecting to a field computer;
wherein the **first** **Internet** **server** is adapted to access the other **Internet** **servers** through the **first** data port, directed by commands and data
received through the second data port from the...

13/3,K/62 (Item 53 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00340747
FAULT TOLERANT NFS SERVER SYSTEM AND MIRRORING PROTOCOL
SYSTEME SERVEUR NFS INSENSIBLE AUX DEFAILLANCES ET PROTOCOLE DE DOUBLEMENT
Patent Applicant/Assignee:
AUSPEX SYSTEMS INC,
Inventor(s):
KANDASAMY David R,
BUTLER Mitchel B,
FOSS Andrew L,
PETERSON Bradley M,
PATWARDHAN Chintamani M,
RIBBLE Michael T,
ROTHMEIER Dieter,
RAMIL Gaudencio,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9623259 A1 19960801
Application: WO 96US1007 19960123 (PCT/WO US9601007)
Priority Application: US 95378966 19950127
Designated States:
(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)
AU BR CA JP MX AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 10612

Main International Patent Class: **G06F-011/00**
Fulltext Availability:
Detailed Description
Claims

English Abstract
...and retrieval of data files including a client system (26) connected to a data communication **network** that may source a **first** **data** **transfer** request to said **data** communication network for the **transfer** or retrieval of **data** . A first server System (12) and a second server system (14), both including media for storage of data files, are connected to the data communication **network** . Control protocol, established between the **first** and **second** **server** systems, coordinates an asymmetric response by the first and second server systems to a first...

Detailed Description
... and retrieval of data files that includes a client system connected to a data communication **network** that may source a **first** **data** **transfer** request to said **data** communication network for the **transfer** or retrieval of **data** . A f irst server system, including first medium for storing data files, is connected to...

Claim
... data files, said computer system comprising:
a) a client system connected to a data communication **network** , said client system providing a **first** **data** **transfer** request to said **data** communication **network** ;
b) **first** **server** system, including **first** means for storing data files, connected to said data communication **network** , said **first** **server** system being responsive to said first data transfer request;
c) second server system, including second means for storing data files, connected to said data communication **network** , said **second** **server** system being responsive to said first data transfer request; and
d) control means, coupled between...
?

Search Performed by Sylvia Keys 11-Aug-04

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File 344:Chinese Patents Abs Aug 1985-2004/May
         (c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/Apr(Updated 040802)
         (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200451
         (c) 2004  Thomson Derwent

Set     Items   Description
S1     504009   (DOWNLOAD? OR TRANSFER? OR DISPLAY? OR UPLOAD? OR SENT OR -
              SEND OR SENDS OR SENDING OR TRANSMISS? OR TRANSMIT? OR DISTRI-
              BUT?)(5N)(CONTENT OR CONTENTS OR DATA)
S2       4453   (FIRST OR 1ST)(3N)(PAGE? ? OR SERVER?)
S3       2744   (SECOND OR 2ND)(3N)(PAGE? ? OR SERVER?)
S4          1   (PRODUCT()SOURCE()SERVER?)
S5      11503   (FIRST OR 1ST OR SECOND OR 2ND)(5N)(INTERNET OR NETWORK? OR
              ONLINE OR ON()LINE)
S6       7375   (MULTI OR MULTIPL? OR MANY OR SEVERAL OR PLURAL? OR NUMERO-
              US)(5N)(SERVER OR SERVERS)
S7        200   ACTIVAT?(1W)(CODE OR CODES OR CODING?)
S8        478   AU=(DUTTA, R? OR DUTTA R? OR PATEL, K? OR PATEL K?)
S9        247   S1(5N)S2
S10        42   S9(5N)S3
S11        28   S10 AND IC=G06F
S12         1   S1(3N)S4
S13         1   S12 NOT S11
S14       523   S1(3N)S5
S15       519   S14 NOT (S11 OR S13)
S16       487   S15 NOT CONTENTS
S17       190   S16 AND IC=G06F
S18         3   S1(3N)S7
S19         3   S18 NOT (S11 OR S13)
S20        56   S1 AND S8
S21        48   S20 AND IC=G06F
```

Search Performed by Sylvia Keys 11-Aug-04

11/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

07679450 **Image available**
COMMUNICATION MANAGEMENT DEVICE AND MANAGEMENT PROGRAM

PUB. NO.: 2003-173315 [JP 2003173315 A]
PUBLISHED: June 20, 2003 (20030620)
INVENTOR(s): MIZOGUCHI FUMIO
SAITO TAKAMICHI
APPLICANT(s): MIZOGUCHI FUMIO
SAITO TAKAMICHI
APPL. NO.: 2001-371809 [JP 2001371809]
FILED: December 05, 2001 (20011205)
INTL CLASS: **G06F-013/00** ; **G06F-015/00** ; H04L-012/58; H04L-012/66

ABSTRACT

PROBLEM TO BE SOLVED: To provide a device and program capable of communicating a large quantity of **data transmitted** from clients (**first** entity) to a **server** (**second** entity) and managing this communication.

SOLUTION: This communication management device (proxy) x comprises a data mediation means 10, an attack determining means 20, and a delay means 30. The data mediation means 10 mediates the data transmitted and received between the client c and the server s. The attack determining means 20 determines the presence of a spam (attack) resulted from the client c on the basis of the data mediated by the data mediation means 10. The delay means 30 delays, when the presence of the spam resulted from the client c is determined by the attack determining means 20, the data mediation between the client s and the server s by the data mediation means 10, compared with the case where no spam is determined.

11/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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07465519 **Image available**
CLIENT-SERVER SYSTEM AND CHARGING METHOD

PUB. NO.: 2002-334036 [JP 2002334036 A]
PUBLISHED: November 22, 2002 (20021122)
INVENTOR(s): TOFUTANI YOICHI
OCHI HIROYUKI
APPLICANT(s): TAKENAKA KOMUTEN CO LTD
APPL. NO.: 2001-138540 [JP 2001138540]
FILED: May 09, 2001 (20010509)
INTL CLASS: **G06F-013/00** ; **G06F-015/00**

ABSTRACT

PROBLEM TO BE SOLVED: To enable a client side to access a Web page as usual even after the Web page provider changes the storage environment of display data.

SOLUTION: A client-server system equipped with a client 1 and a server 2 is provided with a 1st server 2A and a 2nd server 2B which can freely store the display data 4 of the specific Web page 3, and adds a 1st URL 5A to 1st **display data** 4A of the Web **page** provided on the **1st server** 2A and

a **2nd** URL 5B to 2nd display data 4B of the Web **page** provided on the **2nd server** 2B; and the **1st display data** 4A have address change information for changing the destination of a request to access the 1st URL 5A from the client 1 to the 2nd URL 5B and the 2nd display data 4B have screen display information for displaying the Web page 3 in a browser 1a of the client 1.

11/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO

07419548 **Image available**
HIGH PERFORMANCE CLIENT SERVER COMMUNICATION SYSTEM

PUB. NO.: 2002-288058 [JP 2002288058 A]
PUBLISHED: October 04, 2002 (20021004)
INVENTOR(s): QUIGGLE THOMAS JAMES
WRIGHT ROBERT ALAN
NAZEM FARZAD
APPLICANT(s): YAHOO INC
APPL. NO.: 2002-016384 [JP 200216384]
FILED: January 25, 2002 (20020125)
PRIORITY: 01 770762 [US 2001770762], US (United States of America), January 25, 2001 (20010125)
INTL CLASS: **G06F-013/00** ; **G06F-012/00**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a high speed client server communication.

SOLUTION: The communication system includes a client and a server. The client includes a first proxy; a first memory; and a plurality of first processors. The first memory includes a plurality of first slots and the respective first slots are constituted such that they are allotted to one of a plurality of first processors and memorize a **data transmitted** or received by the **first** allotted processor. The **server** has a **second** proxy; a second memory; and a plurality of second processors. The second memory includes a plurality of second slots allotted to one of a plurality of second processors and constituted such that they memorize a data transmitted or received by the second allotted processor. The first and second proxies are constituted so as to form a communication link each other.

11/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO

07314549 **Image available**
METHOD FOR PERSONAL IMAGE STORAGE ON WEB SITE AND PHOTO BANK SYSTEM USING THE SAME

PUB. NO.: 2002-183035 [JP 2002183035 A]
PUBLISHED: June 28, 2002 (20020628)
INVENTOR(s): KATO TOMOMI
APPLICANT(s): NANIWA SHOKAI KK
APPL. NO.: 2000-380854 [JP 2000380854]

FILED: December 14, 2000 (20001214)
INTL CLASS: **G06F-013/00** ; **G06F-017/30** ; G06T-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To save the trouble on a site operator side to input customer data, to relieve the load on site operating facilities, and to reduce the facility cost in a personal image storing method for allowing a legitimately authorized person or a person who is permitted by the authorized person to browse personal image data of customers stored on a server installed on a service provider side through a Web site.

SOLUTION: A 1st server for temporary storage and a 2nd server for permanent storage are made to take partial charge of the function of a server which stores and manages image data to be made open to the public through the Web site as permitted by the rightfully authorized person. Before a customer indicates to the **1st server** a choice of image **data** to be **transferred** to the **2nd server** as **data** to be stored permanently among data temporarily stored on the 1st server, it is essential that the customer inputs customer data through the Internet by one self.

11/5/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO

07158992 **Image available**
RECEIVING APPARATUS

PUB. NO.: 2002-027375 [JP 2002027375 A]
PUBLISHED: January 25, 2002 (20020125)
INVENTOR(s): BUN CHUN SEN
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 2000-200949 [JP 2000200949]
FILED: July 03, 2000 (20000703)
INTL CLASS: H04N-005/765; H04N-005/781; **G06F-003/06** ; G11B-027/00; H04H-001/00; H04N-005/78

ABSTRACT

PROBLEM TO BE SOLVED: To provide a receiving apparatus in which a storage region can be used without waste and to the full by a method wherein the storage region is dynamically allocated to a program provider and a data distributing company including a user.

SOLUTION: The receiving apparatus is provided with a first server device which transmits contents and contents information comprising attribute information indicating the attribute of the contents, a second server device which transmits the attribute information and the storage information comprising region information as information indicating the storage region of the contents corresponding to the attribute information, a first reception part 802 which constitutes a network system together with the **second server** device and which receives the **contents** information **transmitted** from the **first server** device, a **second** reception part 803 which receives the storage information transmitted from the second server device, a storage-information control part 806 which controls the storage information, and a storage control part 805 in which the contents provided by the contents information are stored in the storage region indicated by the region information received by the second reception part comprising the attribute information agreeing with the attribute information provided by the contents information.

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11/5/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06548670 **Image available**
FACSIMILE EQUIPMENT

PUB. NO.: 2000-134399 [JP 2000134399 A]
PUBLISHED: May 12, 2000 (20000512)
INVENTOR(s): TERASAKA TEIJI
FUJIYAMA RYUICHI
WATANABE KEIJI
HYAKUNAN SHINICHI
NANBA YOZO
APPLICANT(s): SHARP CORP
APPL. NO.: 10-300109 [JP 98300109]
FILED: October 21, 1998 (19981021)
INTL CLASS: H04N-001/00; **G06F-013/00** ; H04L-012/54; H04L-012/58; H04N-001/32

ABSTRACT

PROBLEM TO BE SOLVED: To change display of an address according to the kind of the address at the time of multi-address transmission.

SOLUTION: A facsimile equipment 1 executes multi-address transmission to plural receiving facsimile equipment 2, 3 and 4. When an original is formed of two pages, the same **contents** are **transmitted** concerning a **first page** original 11 and a **second page** original 12 to the respective equipment 2, 3 and 4. Since third page covers 13B and 13C are respectively sent to the equipment 2 being an address TO and the equipment 3 being a sending destination for referring CC, all the address display is executed including display for referring. The original is delivered to the equipment 4 of BCC being delivering destination for referring without presenting another distributing by adding a third page cover 13D without displaying the address of CC.

11/5/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06471490 **Image available**
DATA TRANSFER METHOD BETWEEN DATA TRANSFER SYSTEM AND BROWSER WINDOW AND RECORDING MEDIUM

PUB. NO.: 2000-057065 [JP 2000057065 A]
PUBLISHED: February 25, 2000 (20000225)
INVENTOR(s): HOSHI YOICHI
KATO MASATO
TSUCHIYA AKITO
KOMATSU MASANORI
YAMASHITA TORU
APPLICANT(s): NTT DATA CORP
APPL. NO.: 10-229630 [JP 98229630]
FILED: August 14, 1998 (19980814)

INTL CLASS: **G06F-013/00 ; G06F-012/00**

ABSTRACT

PROBLEM TO BE SOLVED: To omit the manual input time and labor and to decrease the input mistakes by **sending** a **data transfer** request from a **1st server** to a **2nd server** and receiving the copy enable data among the data displayed on a slave window to copy them on an input screen.

SOLUTION: A user decides a commodity that is displayed as a retrieval result and pushes a copy button on a control screen of an input screen. A Web browser 11 sends a prescribed request to an information input server 3. The server 3 starts a 2nd script and gives a request to an information supply server 5 to transfer the data on the commodity that is retrieved by the user. Thus, the server 5 transfers the item that can be copied among the data items of commodities which are displayed on a slave window. The server 3 generates an input screen where the data received from the server 5 are copied to each corresponding item and sends this screen to the browser 11 to display it there.

11/5/8 (Item 8 from file: 347)

06434853 **Image available**

COMMUNICATION SYSTEM, CONTROL METHOD THEREFOR, COMMUNICATION EQUIPMENT, CONTROL METHOD THEREFOR AND COMPUTER READABLE MEMORY

PUB. NO.: 2000-020420 [JP 2000020420 A]
PUBLISHED: January 21, 2000 (20000121)
INVENTOR(s): YAMAGUCHI AKIICHI
APPLICANT(s): CANON INC
APPL. NO.: 10-185012 [JP 98185012]
FILED: June 30, 1998 (19980630)
INTL CLASS: **G06F-013/00** ; H04L-012/54; H04L-012/58; H04N-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a communication system, control method therefor and computer readable memory with which the load of a server on a network is reduced and the transfer of image data can be efficiently executed.

SOLUTION: This system is provided with a first server connected onto the network so as to manage the transfer of image data on this network and a second server connected onto the network so as to manage image data and the data size of image data as a transmission object is calculated by an image reading part 105. Based on the calculated **data** size, the image **data** are **transmitted** to any one of **first** and **second servers** .

11/5/9 (Item 9 from file: 347)

05985998 **Image available**

DUPLEX SYSTEM

PUB. NO.: 10-269098 [JP 10269098 A]

PUBLISHED: October 09, 1998 (19981009)
INVENTOR(s): INOUE KAZUHISA
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 09-077707 [JP 9777707]
FILED: March 28, 1997 (19970328)
INTL CLASS: [6] **G06F-011/18** ; **G06F-011/16** ; **G06F-011/22** ; **G06F-015/16**

JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a highly reliable duplex system interrupting data transmission at the time of detecting the non-matching of data during an operation.

SOLUTION: A first server 1 and a second server 2 are connected by a network 3, the first server 1 and the second server 2 constitute this duplex system for executing the same job and a detection means 4 for comparing **trans**mission data from the **first server** 1 and the **second server** 2 and transmitting the data to a filing device 5 is provided between the first server 1 and the second server 2 and the filing device 5. When the non-matching of the data from the first server 1 and the second server 2 is detected, the detection means 4 interrupts the data transmission to the filing device 5 and activates the diagnosis of the first server 1 and the second server 2, and by a diagnosed result, the detection means 4 informs a normal server of the restart of the job and transmits only the data of the normal server to the filing device 5.

11/5/10 (Item 10 from file: 347)

04860065 **Image available**
INFORMATION DISTRIBUTING DEVICE

PUB. NO.: 07-152665 [JP 7152665 A]
PUBLISHED: June 16, 1995 (19950616)
INVENTOR(s): NAKATSU SADAO
HASHIMOTO YOSHIHIRO
TOKUNAGA SUSUMU
KOBAYASHI OSAMU
IKEGAMI SHOHEI
TAKAHASHI YOTA
MURAKAWA MASARU
APPLICANT(s): FUJI XEROX CO LTD [359761] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 05-298205 [JP 93298205]
FILED: November 29, 1993 (19931129)
INTL CLASS: [6] **G06F-013/00** ; **G06F-012/06** ; H04N-001/21
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.7 (COMMUNICATION -- Facsimile)
JAPIO KEYWORD:R002 (LASERS); R011 (LIQUID CRYSTALS)

ABSTRACT

PURPOSE: To provide the information distributing device which can read information specifying a distribution destination out of received image data and output the image data to the read distribution destination.

CONSTITUTION: The storage area of a magnetic disk device 14 is allotted to plural device users in advance; when image data whose 1st page is a

distribution destination specified sheet are sent through a communication control part 18, the device user as the **distribution** destination of the image **data** is specified according to the **1st page** and the **2nd** and succeeding **pages** of the received images are stored in the storage area allotted to the specified user. To specify the distribution destination from the image data of the 1st page, image data of the distribution destination specified sheet stored on the magnetic disk device 14 in advance and correspondence relation data showing the relation between mark fields on the distribution destination specified sheet and distribution destinations are used. Consequently, the management of received data in individual units which can not be performed by a conventional device becomes possible.

11/5/11 (Item 11 from file: 347)
DIALOG(R)File 347:JAPIO

03313467 **Image available**
DOCUMENT EDITING DEVICE

PUB. NO.: 02-288967 [JP 2288967 A]
PUBLISHED: November 28, 1990 (19901128)
INVENTOR(s): SUZUKI HIROAKI
APPLICANT(s): CASIO COMPUT CO LTD [350750] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-043145 [JP 8943145]
FILED: February 27, 1989 (19890227)
INTL CLASS: [5] **G06F-015/20**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers); R139 (INFORMATION PROCESSING -- Word Processors)
JOURNAL: Section: P, Section No. 1166, Vol. 15, No. 63, Pg. 146, February 14, 1991 (19910214)

ABSTRACT

PURPOSE: To easily switch the mutual display of document data in a reference area and that in the middle way of editing or the like by switching the display content of the document data targeted to be edited to that of the document data in the reference area, and switching that of the document data in the reference area to that of the document data targeted to be edited.

CONSTITUTION: When an index part is referred in the middle way of generating the document data on a fifteenth page, a reference instruction is issued by, for example, a prescribed key or the like. When the reference instruction is issued, a display switching means f switches the document data on the fifteenth page being displayed on a display means b to an index on a first page stored in a third storage means e. Also, when the index on the first page is confirmed and a reference cancellation instruction is issued, the display switching means f switches the index on the **first page** being **displayed** at present to the document **data** on the fifteenth **page** stored in a **second** storage means c. Thereby, display switching between a reference part and original document data targeted to be edited easily is performed.

11/5/12 (Item 12 from file: 347)
DIALOG(R)File 347:JAPIO

00865254 **Image available**
TELE-PRINTER

PUB. NO.: 57-015554 [JP 57015554 A]
PUBLISHED: January 26, 1982 (19820126)
INVENTOR(s): CHINA TOMONOBU
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 55-089314 [JP 8089314]
FILED: July 01, 1980 (19800701)
INTL CLASS: [3] H04L-017/00; B41J-011/42; B41J-011/70; **G06F-003/12**
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 29.4 (PRECISION INSTRUMENTS -- Business Machines); 44.2 (COMMUNICATION -- Transmission Systems); 45.3 (INFORMATION PROCESSING -- Input Output Units)
JOURNAL: Section: E, Section No. 106, Vol. 06, No. 77, Pg. 117, May 14, 1982 (19820514)

ABSTRACT

PURPOSE: To make the filing of paper printed with transmission and reception messages easy, by providing the nonprinted section of a plurality of lines to every prescribed line number at the print of the transmission or reception message.

CONSTITUTION: A control section 1 prints a dial number and a message at a printer 5 and store them in the data area in the RAM3. Further, at the start of printing, the page **data** and **transmission** message of the **1st page** from the **2nd** line are printed. The number of print lines is counted at a count section 3C in the RAM3 every paper feed at the printer 5, and the count value and the set print line number are ompared, and if the count value is less than the set printed line number, the print is made as it is and if larger, paper feed is made while leaving the space for 6 lines blank, and the page data of the 2nd page is printed and the succeeding message is printed.

11/5/13 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015832634 **Image available**
WPI Acc No: 2003-894838/200382
XRPX Acc No: N03-713907
System and method for logging in server from crossed platforms - for exchanging data between different platforms to reduce the development cost and time
Patent Assignee: POLARIS INT SECURITIES INVESTMENT TRUST (POLA-N)
Inventor: WU Y
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
TW 539994	A	20030701	TW 2001133228	A	20011231	200382	B

Priority Applications (No Type Date): TW 2001133228 A 20011231
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
TW 539994	A			G06F-009/24	

Abstract (Basic): TW 539994 A

Search Performed by Sylvia Keys 11-Aug-04

NOVELTY - The present invention provides a system and method for logging in server from crossed platform, which has a first server for obtaining a location of a client and an identification. Next, the first server will transmit the location and the identification to a server group. Then, the server group will generate a unique series, such as a time series. A user name, the client location and the time series in the identification are combined as an unique value. The unique value is stored in the server group. When a second server is requested for logging in, the **first server** can **transmit** a **first data** into the **second server** , and the **second server** will obtain the client location and transmit a second data into the server group. Then, the server group will again combine the user name, the client location and the time series as another unique value, and check whether the unique value is existed in the server group.

DwgNo 1/1

Title Terms: SYSTEM; METHOD; LOG; SERVE; CROSS; PLATFORM; EXCHANGE; DATA; PLATFORM; REDUCE; DEVELOP; COST; TIME

Derwent Class: T01

International Patent Class (Main): **G06F-009/24**

File Segment: EPI

11/5/14 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

015611094 **Image available**

WPI Acc No: 2003-673251/200364

XRPX Acc No: N03-537622

A database analysis system for enhanced direct marketing campaigns, uses databases of prospective and previous customers to identify potential customers

Patent Assignee: APTECO LTD (APTE-N); DOWNS R H (DOWN-I)

Inventor: DOWNS R H

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2386439	A	20030917	GB 20025727	A	20020312	200364	B
US 20030233339	A1	20031218	US 2003385892	A	20030311	200401	

Priority Applications (No Type Date): GB 20025727 A 20020312

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2386439	A		46	G06F-017/30	
US 20030233339	A1			G06F-007/00	

Abstract (Basic): GB 2386439 A

NOVELTY - The database analysis system includes two databases, one holding records of prospective customers and a second holding records of previous customers, where records include predictor variables such as customer characteristics. Predictor variables or each record in the first and second databases are compared to generate a profile report on which further weighted analysis may be performed to identify potential customers.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of **transferring** marketing **data** between **first** (e.g. **server**) and **second** (e.g. client) computers.

USE - For enabling enhanced direct marketing campaigns, such as direct mail shot campaigns.

ADVANTAGE - The use of comparison between previous and prospective

customers improves the determination of potential customers, thus enabling improved marketing campaigns.

DESCRIPTION OF DRAWING(S) - The figure is an overview of the architecture of a system for database analysis.

pp; 46 DwgNo 1/16

Title Terms: DATABASE; ANALYSE; SYSTEM; ENHANCE; DIRECT; MARKET; PROSPECTING; CUSTOMER; IDENTIFY; POTENTIAL; CUSTOMER

Derwent Class: T01

International Patent Class (Main): **G06F-007/00 ; G06F-017/30**

File Segment: EPI

11/5/15 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

015533745 **Image available**

WPI Acc No: 2003-595895/200356

XRPX Acc No: N03-474852

Control unit vividly mimicking a real page of a printed publication of any a size

Patent Assignee: CHANG T (CHAN-I); CHEN C (CHEN-I); CHU C (CHUC-I); LEE S (LEES-I); LU H (LUHH-I)

Inventor: CHANG T; CHEN C; CHU C; LEE S; LU H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
TW 513662	A	20021211	TW 99109724	A	19990610	200356	B

Priority Applications (No Type Date): TW 99109724 A 19990610

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
TW 513662	A			G06F-003/14	

Abstract (Basic): TW 513662 A

NOVELTY - A control unit vividly mimicking a real page of a printed publication of any a size is provided. The control unit is used with a display apparatus having a screen and includes a data base storing therein a first page data in an original format and a second page data of a converted abstract converted from the first page data, an interface monitoring the data base, and a page reader for translating at least one of the **first page** data and the **second page data** into a format to be **displayed** where all the screen area only displays the at least one page data without anything else.

DwgNo 1/1

Title Terms: CONTROL; UNIT; MIMIC; REAL; PAGE; PRINT; PUBLICATION; SIZE

Derwent Class: T01

International Patent Class (Main): **G06F-003/14**

File Segment: EPI

11/5/16 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

015212210 **Image available**

WPI Acc No: 2003-272747/200327

XRPX Acc No: N03-216489

Web server device for use with Internet, has transmitting **unit which** sends **arbitrary website** data , **which correspond with** first server ,

to second server
Patent Assignee: HITACHI LTD (HITA)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2003076633	A	20030314	JP 2001263337	A	20010831	200327	B

Priority Applications (No Type Date): JP 2001263337 A 20010831
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003076633	A		10	G06F-013/00	

Abstract (Basic): JP 2003076633 A

NOVELTY - A **transmitting** unit (2532) **sends** arbitrary website **data** , which correspond with a **first server** , to a **second server** according to instructions from a web client connected to Internet.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a program;

(b) an information recording medium.

USE - For use with Internet.

ADVANTAGE - Ensures high-speed and comfortable web browsing.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of web server device. (Drawing includes non-English language text).

Transmitting unit (2532)

pp; 10 DwgNo 1/7

Title Terms: WEB; SERVE; DEVICE; TRANSMIT; UNIT; SEND; ARBITRARY; DATA; CORRESPOND; FIRST; SERVE; SECOND; SERVE
Derwent Class: T01
International Patent Class (Main): **G06F-013/00**
File Segment: EPI

11/5/17 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015176098 **Image available**
WPI Acc No: 2003-236628/200323
Traffic information system for providing real-time traffic information includes a server that process and transmit the images picked up by the vehicle monitoring cameras
Patent Assignee: LIM S J (LIMS-I); YOOS TECHNOLOGY CO LTD (YOOS-N)
Inventor: JUNG S T; LEE J B; LIM S J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2002075620	A	20021005	KR 200115730	A	20010326	200323	B

Priority Applications (No Type Date): KR 200115730 A 20010326
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002075620	A		1	G06F-017/60	

Abstract (Basic): KR 2002075620 A

NOVELTY - A method and a system for providing real-time traffic information are provided to offer detailed traffic information including characters and images by collecting traffic information from a vehicle monitoring camera and analyzing the collected traffic information and to offer a shortest route from a departure point to a destination.

DETAILED DESCRIPTION - Many vehicle monitoring cameras(10) installed on each road pick up the image of traffic. Many first servers(20) collect, process and transmit the images picked up by the vehicle monitoring cameras. A **second server** (30) **transmits** the video **data transmitted** from the **first servers** in real time, analyzes traffic flows by analyzing the video data collected from the first servers, and provides a shortest route from a departure point to a destination. Many PCs(40) receive the traffic information from the second server through the Internet. Many IMT(International Mobile Telecommunication)-2000 terminals(50) receive the video and written data loading traffic information from the second server through a wireless transmission path.

pp; 1 DwgNo 1/10

Title Terms: TRAFFIC; INFORMATION; SYSTEM; REAL; TIME; TRAFFIC; INFORMATION ; SERVE; PROCESS; TRANSMIT; IMAGE; PICK; UP; VEHICLE; MONITOR; CAMERA

Derwent Class: T01; T07; X22

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

11/5/18 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014921511 **Image available**

WPI Acc No: 2002-742218/200281

XRPX Acc No: N02-584636

Method for transmitting data between two data processing units using proxy servers to increase security, with the inventive method being independent of transmission protocol used

Patent Assignee: DEUT POST SIGNTRUST GMBH (DEPO-N); DEUT POST EBUSINESS GMBH (DEPO-N)

Inventor: BELKE M; BICKENBACH H J

Number of Countries: 100 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 10107883	A1	20020829	DE 1007883	A	20010219	200281	B
WO 200267532	A1	20020829	WO 2002DE587	A	20020219	200281	
AU 2002244629	A1	20020904	AU 2002244629	A	20020219	200427	

Priority Applications (No Type Date): DE 1007883 A 20010219

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10107883	A1		16	G06F-013/00	
WO 200267532	A1	G		H04L-029/06	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 2002244629	A1		H04L-029/06	Based on patent WO 200267532

Abstract (Basic): DE 10107883 A1

NOVELTY - Method for transmitting data between a first data processing unit (C) and a second data processing unit (S) with the transmission effected using an intermediate proxy-server (SPC; SPS). The proxy server captures signature information and combines it with at least a part of the transmitted data, so that the data is authenticated and or encrypted.

Search Performed by Sylvia Keys 11-Aug-04

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is made for a **data transfer** system connecting first and second **data** processing units via **first** and **second** proxy **servers** .

USE - Data communication between a requesting application unit and a supplying application unit, using a proxy server to increase security.

ADVANTAGE - The inventive method allows a proxy server to be used with different types of data processing unit, independent of the communications protocol used.

DESCRIPTION OF DRAWING(S) - (Drawing includes non-English language text). Figure shows a schematic view of the inventive data transfer system.

first and second data processing units (C, S)

intermediate proxy servers, (SPC, SPS)

pp; 16 DwgNo 1/1

Title Terms: METHOD; TRANSMIT; DATA; TWO; DATA; PROCESS; UNIT; SERVE; INCREASE; SECURE; METHOD; INDEPENDENT; TRANSMISSION; PROTOCOL

Derwent Class: T01; W01

International Patent Class (Main): **G06F-013/00** ; H04L-029/06

File Segment: EPI

11/5/19 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014687445 **Image available**

WPI Acc No: 2002-508149/200254

Related WPI Acc No: 2002-508139; 2002-508140; 2002-508578; 2002-558129; 2002-698688

XRPX Acc No: N02-402146

Method of accelerating read access to data by clients in a digital network including at least first **and** second **client** servers **by** transmitting **to remote** data **server request to determine validity of data in local read cache**

Patent Assignee: PIRUS NETWORKS (PIRU-N); COCHRANE C (COCH-I); CONSIDINE J (CONS-I); HALL H (HALL-I)

Inventor: COCHRANE C; CONSIDINE J; HALL H

Number of Countries: 096 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200237300	A1	20020510	WO 2001US45637	A	20011102	200254	B
AU 200220108	A	20020515	AU 200220108	A	20011102	200258	
US 20040117438	A1	20040617	WO 2001US45637	A	20011102	200440	
			US 2003415429	A	20030903		

Priority Applications (No Type Date): US 2000245295 P 20001102; US 2003415429 A 20030903

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200237300	A1	E	171	G06F-015/16	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200220108	A	G06F-015/16	Based on patent WO 200237300
US 20040117438	A1	G06F-015/16	

Abstract (Basic): WO 200237300 A1

NOVELTY - A read access request is received from a client in communication with first or second client server. The local write cache is checked for a data segment match. If no data segment match is found in the local write cache, checking the local read cache for a data segment match. If the segment is found in the local cache, transmitting to the remote data server a request to determine the validity of the data in the local read cache.

USE - In digital information processing for managing storage in digital networks.

ADVANTAGE - Simplifies management of storage in digital networks, and enable flexible deployment of network attached storage (NAS), storage area networks (SAN) etc storage systems, and Fibre Channel (FC), IP/Ethernet and other protocols, with storage subsystem and location independence.

DESCRIPTION OF DRAWING(S) - The drawing shows a hardware architecture of one embodiment of the present invention.

pp; 171 DwgNo 1/46

Title Terms: METHOD; ACCELERATE; READ; ACCESS; DATA; CLIENT; DIGITAL; NETWORK; FIRST; SECOND; CLIENT; SERVE; TRANSMIT; REMOTE; DATA; SERVE; REQUEST; DETERMINE; VALID; DATA; LOCAL; READ; CACHE

Derwent Class: T01

International Patent Class (Main): **G06F-015/16**

International Patent Class (Additional): **G06F-012/00**

File Segment: EPI

11/5/20 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

013870163 **Image available**

WPI Acc No: 2001-354375/200137

XRPX Acc No: N01-257449

Display control unit for electronic publication reader, has page reader which translates at least one of first **and** second page data **into a format and** displays **it on screen**

Patent Assignee: AN H (ANHA-I); AN M (ANMM-I); CHANG T (CHAN-I); CHEN C (CHEN-I); CHU C (CHUC-I); DIALOGUE TECHNOLOGY CORP (DIAL-N); FAN C (FANC-I); LEE S (LEES-I); LU H (LUHH-I); AN H (ANHH-I)

Inventor: AN M; CHANG T; CHEN C; CHU C; FAN C; LEE S; LU H

Number of Countries: 086 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200075803	A1	20001214	WO 99US12894	A	19990608	200137	B
AU 9944287	A	20001228	AU 9944287	A	19990608	200137	
			WO 99US12894	A	19990608		

Priority Applications (No Type Date): WO 99US12894 A 19990608

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200075803	A1	E	54	G06F-017/21	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9944287	A	G06F-017/21	Based on patent WO 200075803	

Abstract (Basic): WO 200075803 A1

NOVELTY - A database stores first page data in an original format and second page data of an abstract which is converted from first page data. A real page user interface (12) monitors the database. A page reader (13) connected to database and interface, translates at least one of **first** and **second page data** into a format and **displays** it on screen (21).

DETAILED DESCRIPTION - The first page data is equivalent to real page in a printed publication. A page manipulator manipulates one of page data which is to be displayed on the screen.

USE - For electronic reader of publications such as newspaper, magazine, periodical.

ADVANTAGE - Enables the press industry to carelessly face the electronic era while having editing styles on the printed material maintained as much as possible. Provides display control unit which makes possible the printed material reader's machine to have a concise system configuration. Preserves accustomed culture in printed material world in which the readers can continue to enjoy.

DESCRIPTION OF DRAWING(S) - The figure shows the sectional view of block diagram for display control unit.

Real page user interface (12)
Page reader (13)
Screen (21)
pp; 54 DwgNo 2/7

Title Terms: DISPLAY; CONTROL; UNIT; ELECTRONIC; PUBLICATION; READ; PAGE; READ; TRANSLATION; ONE; FIRST; SECOND; PAGE; DATA; FORMAT; DISPLAY; SCREEN
Derwent Class: T01
International Patent Class (Main): **G06F-017/21**
File Segment: EPI

11/5/21 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012337088 **Image available**
WPI Acc No: 1999-143195/199912
XRPX Acc No: N99-104014

Method for caching dynamically generated document at intermediate server - receives request for document located at content providing server, sends request to second server , obtains instructions and data for document at second server , sends these to first server where they are stored and document sent to client

Patent Assignee: ICON CMT CORP (ICON-N); QWEST COMMUNICATIONS INT INC (QWES-N)
Inventor: HOLT G A
Number of Countries: 080 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9905619	A1	19990204	WO 98US14678	A	19980715	199912	B
AU 9884063	A	19990216	AU 9884063	A	19980715	199926	
US 6324565	B1	20011127	US 97905794	A	19970728	200175	

Priority Applications (No Type Date): US 97905794 A 19970728
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9905619	A1	E	31	G06F-017/30	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Search Performed by Sylvia Keys 11-Aug-04

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
AU 9884063 A G06F-017/30 Based on patent WO 9905619
US 6324565 B1 G06F-017/30

Abstract (Basic): WO 9905619 A

NOVELTY - The method receives from client a request for a document located at content providing server (14), sends request from intermediate **server** (12) to **second server** , and obtains instructions and **data** for document at **2nd server** , **sends** instructions and **data** for document to **1st server** , stores instructions and **data** at **1st server** , and **sends** document from **1st server** to client DETAILED DESCRIPTION - When the document is next required the document is generated at the intermediate server rather than requiring hat it be obtained from the content providing server. This latter server retains a register of intermediate servers which have received document programs or data.

USE - For transmitting and storing documents in a computer network and for transmitting and storing information used to dynamically generate documents.

ADVANTAGE - Intermediate server may be located remote from content providing server and the data may be stored in a database while a databse manager notifies the content providing server when the data is changed. Also the content providing server may modify the intermediate server when the data is changed. DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of a computer network used for the method. (14) content providing server; (12) intermediate server.

Dwg.1/3

Title Terms: METHOD; DYNAMIC; GENERATE; DOCUMENT; INTERMEDIATE; SERVE; RECEIVE; REQUEST; DOCUMENT; LOCATE; CONTENT; SERVE; SEND; REQUEST; SECOND ; SERVE; OBTAIN; INSTRUCTION; DATA; DOCUMENT; SECOND; SERVE; SEND; FIRST; SERVE; STORAGE; DOCUMENT; SEND; CLIENT
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

11/5/22 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011822736 **Image available**
WPI Acc No: 1998-239646/199821
XRPX Acc No: N98-189591

Transferring data and program code to external card for use by external device - transfers data from source database to server computer and then to loader computer which loads data and program code to external card

Patent Assignee: INFOPAK INC (INFO-N)
Inventor: MATLOCK J E; PRINGLE R D; SANDIG B D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5737610	A	19980407	US 9317607	A	19930216	199821	B
			US 95542041	A	19951012		

Priority Applications (No Type Date): US 9317607 A 19930216; US 95542041 A 19951012
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5737610	A		10	G06F-003/06	Cont of application US 9317607

Search Performed by Sylvia Keys 11-Aug-04

Abstract (Basic): US 5737610 A

The data transfer involves storing program code on an external card by first transferring data from a source database to a **first** , **server** computer. The **data** is then **transferred** from the **server** to a **second** , loader computer. The second computer loads the data to the external card (4) and loads program code to the external card.

An external reader (70) controlled by the program code stored on the external card, is used to access the data on the external card. The external reader has no internal program code stored on it. Its reader circuitry (40) is activated by plugging in the card. The circuitry is operated under the program control of the program code stored on the card.

USE - To update or vary external reader operating program, to transfer data to flash ROM card, mask ROM card.

ADVANTAGE - Card has program code so data and program code on card can be modified, reader function can be altered by using different card with different program code and data without disturbing internal circuitry of reader.

Dwg.5/5

Title Terms: TRANSFER; DATA; PROGRAM; CODE; EXTERNAL; CARD; EXTERNAL; DEVICE; TRANSFER; DATA; SOURCE; DATABASE; SERVE; COMPUTER; LOAD; COMPUTER ; LOAD; DATA; PROGRAM; CODE; EXTERNAL; CARD

Derwent Class: T01; T04

International Patent Class (Main): **G06F-003/06**

International Patent Class (Additional): G06K-019/07

File Segment: EPI

11/5/23 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

011699548 **Image available**

WPI Acc No: 1998-116458/199811

XRPX Acc No: N98-093370

Page layout comparative apparatus for WP - has display unit in which simple display of data of first page and second page is performed at predefined display position based on output of area data processor and second processor

Patent Assignee: NEC SOFTWARE NIIGATA LTD (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10003371	A	19980106	JP 96153640	A	19960614	199811	B

Priority Applications (No Type Date): JP 96153640 A 19960614

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10003371	A		7	G06F-003/14	

Abstract (Basic): JP 10003371 A

The apparatus has a setting unit that sets the information of the first page and the second page. Then the page layout comparative request is input, a page protection unit produces a comparative page. An area data processor (14) reads the data of designated page from a first memory (141).

A second processor (15) reads the number of characters of designated **page** from a **second** memory (151). The simple **display** of a **data** of a **first page** and **second page** is carried out in a

display unit (16) at predefined display position which is decided based on output signals of the area data processor and the second processor.
USE - For editing collected data, in magazine, books and newspaper printing. ADVANTAGE - Eases layout fixation of graphic data.
Dwg.1/6
Title Terms: PAGE; LAYOUT; COMPARE; APPARATUS; DISPLAY; UNIT; SIMPLE; DISPLAY; DATA; FIRST; PAGE; SECOND; PAGE; PERFORMANCE; PREDEFINED; DISPLAY; POSITION; BASED; OUTPUT; AREA; DATA; PROCESSOR; SECOND; PROCESSOR
Derwent Class: T01
International Patent Class (Main): **G06F-003/14**
File Segment: EPI

11/5/24 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011541411 **Image available**
WPI Acc No: 1997-517892/199748
XRPX Acc No: N97-431015
Documentation apparatus - includes page movement part which moves data from second page to first page from which data is evacuated
Patent Assignee: TOSHIBA COMPUTER ENG KK (TOSH-N); TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9245032	A	19970919	JP 9650240	A	19960307	199748	B

Priority Applications (No Type Date): JP 9650240 A 19960307
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9245032	A		5	G06F-017/24	

Abstract (Basic): JP 9245032 A
The apparatus includes a memory which stores the data contained in a set of pages. A designation unit designates two pages (a,b) used as exchange object, among the set of pages.
An evacuation unit (24) evacuates the data in the **first page** . A **page** movement part (26) **transfers data** from the **second page** to the **first page** .
ADVANTAGE - Enables to replace page by simple operation.
Dwg.2/4
Title Terms: DOCUMENT; APPARATUS; PAGE; MOVEMENT; PART; MOVE; DATA; SECOND; PAGE; FIRST; PAGE; DATA; EVACUATE
Derwent Class: T01
International Patent Class (Main): **G06F-017/24**
File Segment: EPI

11/5/25 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011291084 **Image available**
WPI Acc No: 1997-268989/199724
XRPX Acc No: N97-222873
Information processing apparatus of document in book type browse processing unit - has head and final page mark display units to display first and second marks in position, where head and final pages are

displayed respectively
Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9097161	A	19970408	JP 95252794	A	19950929	199724	B

Priority Applications (No Type Date): JP 95252794 A 19950929
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9097161	A		13	G06F-003/14	

Abstract (Basic): JP 9097161 A
The apparatus has a storing unit to store image data of number of page. A page **display** unit **displays** the image **data** of **first page** and **second page** in **first** and **second** position, respectively. When the page displayed by the display unit is the head page, a head page mark display unit displays first mark near the position, where the head page is displayed. When the page displayed by the display unit is the final page, a final page mark display unit displays second mark near the position, where the final page is displayed.
ADVANTAGE - Realizes simultaneous reference using number of page. Enables to display information on header/footer of page, lucidly.
Dwg.5/9
Title Terms: INFORMATION; PROCESS; APPARATUS; DOCUMENT; BOOK; TYPE; PROCESS ; UNIT; HEAD; FINAL; PAGE; MARK; DISPLAY; UNIT; DISPLAY; FIRST; SECOND; MARK; POSITION; HEAD; FINAL; PAGE; DISPLAY; RESPECTIVE
Derwent Class: T01
International Patent Class (Main): **G06F-003/14**
File Segment: EPI

11/5/26 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010733266 **Image available**
WPI Acc No: 1996-230221/199623
XRPX Acc No: N96-193347
Computer system with fault tolerant data storage and retrieval - establishes control protocol between first and second file servers and coordinates asymmetric response to first data transfer request with replication to first and second storage media before transfer to client system
Patent Assignee: AUSPEX SYSTEMS INC (AUSP-N); NETWORK APPLIANCE CORP (NETW-N)
Inventor: BUTLER M B; FOSS A L; KANDASAMY D R; PATWARDHAN C M; PETERSON B M ; RAMIL G; RIBBLE M T; ROTHMEIER D
Number of Countries: 023 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5513314	A	19960430	US 95378966	A	19950127	199623	B
WO 9623259	A1	19960801	WO 96US1007	A	19960123	199636	
AU 9647677	A	19960814	AU 9647677	A	19960123	199650	
			WO 96US1007	A	19960123		
EP 806010	A1	19971112	EP 96903668	A	19960123	199750	
			WO 96US1007	A	19960123		
JP 11502644	W	19990302	JP 96523008	A	19960123	199919	
			WO 96US1007	A	19960123		

Priority Applications (No Type Date): US 95378966 A 19950127
Cited Patents: US 5257369; US 5379418
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5513314	A		17	G06F-011/00	
WO 9623259	A1	E	49	G06F-011/00	
Designated States (National): AU BR CA JP MX					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
AU 9647677	A			G06F-011/00	Based on patent WO 9623259
EP 806010	A1	E		G06F-011/00	Based on patent WO 9623259
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE					
JP 11502644	W		42	G06F-012/00	Based on patent WO 9623259

Abstract (Basic): US 5513314 A

The system includes a client computer system which is connected to a data communication network and provides a first **data transfer** request to the **data** communication network. **First** and **second** file **server** computer systems have **first** and second data file storage devices respectively and are connected to the data communication network. The **first** and **second** file **servers** respond to the **first data transfer** request. A controller is **distributed** among and couples the **first** and **second** file **servers** and coordinates an asymmetric response to the first data transfer request.

The file data transferred by the client computer system with the first data transfer request is implicitly replicated to the first and second storage devices. File data transferred to the client computer system in response to the first data transfer is not replicated and is provided to the client computer system by either the first or second file server.

USE/ADVANTAGE - E.g. within network file system. High degree of fault tolerance protection with robust fault tolerance mirroring. Establishes fault tolerant pairing of server systems which are not nearly identical. No additional software and minimal hardware are required for low cost implementation.

Dwg.2/7

Title Terms: COMPUTER; SYSTEM; FAULT; TOLERATE; DATA; STORAGE; RETRIEVAL; ESTABLISH; CONTROL; PROTOCOL; FIRST; SECOND; FILE; SERVE; COORDINATE; ASYMMETRIC; RESPOND; FIRST; DATA; TRANSFER; REQUEST; REPLICA; FIRST; SECOND; STORAGE; MEDIUM; TRANSFER; CLIENT; SYSTEM
Derwent Class: T01
International Patent Class (Main): **G06F-011/00 ; G06F-012/00**
International Patent Class (Additional): **G06F-003/06**
File Segment: EPI

11/5/27 (Item 15 from file: 350)

010299261 **Image available**
WPI Acc No: 1995-200522/199526
XRPX Acc No: N95-157488

Network management system - has virtual catalogue over-view of files distributively stored across network system

Patent Assignee: CONNER PERIPHERALS INC (CONN-N); SEAGATE TECHNOLOGY INC (SEAG-N)
Inventor: ASHTON P; CROSSMIER D; PISELLO T

Number of Countries: 022 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9514279	A1	19950526	WO 94US12972	A	19941109	199526	B
AU 9510936	A	19950606	AU 9510936	A	19941109	199538	
US 5495607	A	19960227	US 93153011	A	19931115	199614	
EP 729618	A1	19960904	WO 94US12972	A	19941109	199640	
			EP 95901848	A	19941109		
US 5678042	A	19971014	US 93153011	A	19931115	199747	
			US 96590528	A	19960124		
JP 9509268	W	19970916	WO 94US12972	A	19941109	199747	
			JP 95514506	A	19941109		

Priority Applications (No Type Date): US 93153011 A 19931115; US 96590528 A 19960124
Cited Patents: 5.Jnl.Ref; GB 2257273
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9514279	A1	E	71	G06F-017/30	
Designated States (National): AU CA CN JP KR					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
AU 9510936	A			G06F-017/30	Based on patent WO 9514279
US 5495607	A		22	G06F-011/30	
EP 729618	A1	E	1	G06F-017/30	Based on patent WO 9514279
Designated States (Regional): DE FR GB IT					
US 5678042	A		20	G06F-007/00	Div ex application US 93153011 Div ex patent US 5495607
JP 9509268	W		75	G06F-012/00	Based on patent WO 9514279

Abstract (Basic): WO 9514279 A

A network system (100) comprises a network-linking backbone (105), a number of file-servers (110-140) and a domain administrating server (DAS) (150). The file-servers are operatively coupled to the network-linking backbone. Each file server has a nonvolatile data storage device (111-144) storing a number of data files. The respective data storage device of each file server also has a local catalog (111.0) stored within for identifying each file of the respective data storage device by name and storage location.

The DAS is operatively coupled to the backbone and has a domain-wide virtual catalog (150.00) containing copies of the file identifying information in the local catalogs. The DAS also has an oversight function for overseeing and managing domain-wide activities.

USE/ADVANTAGE - Computerised networks. Detects problematic trends in domain-wide performance based on information collected from network domain.

Dwg.1/6

Title Terms: NETWORK; MANAGEMENT; SYSTEM; VIRTUAL; CATALOGUE; VIEW; FILE; STORAGE; NETWORK; SYSTEM
Derwent Class: T01
International Patent Class (Main): **G06F-007/00** ; **G06F-011/30** ; **G06F-012/00** ; **G06F-017/30**
International Patent Class (Additional): **G06F-007/06** ; **G06F-013/00** ; **G06F-015/16** ; H04L-012/28
File Segment: EPI

11/5/28 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010228817 **Image available**

WPI Acc No: 1995-130074/199517
XRPX Acc No: N95-102170

Collaborative computing for sharing computer output by multiple users - using unmodified program to produce output for and receive input from single computer, while output from application program in intercepted and replicated on each computer's display

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BERKOWITZ D B; HAO M C; LIEU H C; SNOW F D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5392400	A	19950221	US 92909505	A	19920702	199517	B

Priority Applications (No Type Date): US 92909505 A 19920702
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5392400	A		25	G06F-013/00	

Abstract (Basic): US 5392400 A

The method involves transmitting data from a selected computer in a network to first and second server programs in first and second computers indicative of the start of a collaborative computing session. Then a client application program is loaded into a memory of the selected computer in the network, followed by displaying on the first and second computers' displays a first set of output data from the client application program by **transmitting** the output **data** to the **first** and **second server** programs.

The method also entails reading user input data from the second server program along with identifying data into the memory of the selected computer.

USE/ADVANTAGE - For sharing data and consulting with other users often from different disciplines for max use of existing tools. Provision for collaborative computing among number of processors without modifications of existing software.

Dwg.3/10

Title Terms: COMPUTATION; SHARE; COMPUTER; OUTPUT; MULTIPLE; USER; UNMODIFIED; PROGRAM; PRODUCE; OUTPUT; RECEIVE; INPUT; SINGLE; COMPUTER; OUTPUT; APPLY; PROGRAM; INTERCEPT; REPLICA; COMPUTER; DISPLAY
Derwent Class: T01; W01
International Patent Class (Main): **G06F-013/00**
File Segment: EPI
?

13/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014769127 **Image available**
WPI Acc No: 2002-589831/200263
XRPX Acc No: N02-468060

Data transferring method in e-commerce, involves downloading price information in web page from product source server and transferring price information to sales agent server

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: DUTTA R; PATEL K C
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020077933	A1	20020620	US 2000737339	A	20001215	200263	B

Priority Applications (No Type Date): US 2000737339 A 20001215
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020077933	A1		10	G06F-017/60	

Abstract (Basic): US 20020077933 A1

NOVELTY - Product information in an agent web page (14) is downloaded from a sales agent server (6) and price information in a source web page (12) is downloaded from a product source server (4). The price information is transferred to the sales agent server.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Product selling method;
(2) System for transferring data between servers;
(3) Sales agent system; and
(4) Computer-readable medium storing program for transferring data between servers.

USE - For **transferring data** between **product source server** and sales agent server for use in e-commerce.

ADVANTAGE - Allows the consumer to view the authenticated price from the product source before the price is transferred to the sales agent server.

DESCRIPTION OF DRAWING(S) - The figure shows a computer network.

Product source server (4)
Sales agent server (6)
Source web page (12)
Agent web page (14)
pp; 10 DwgNo 1/5

Title Terms: DATA; TRANSFER; METHOD; PRICE; INFORMATION; WEB; PAGE; PRODUCT ; SOURCE; SERVE; TRANSFER; PRICE; INFORMATION; SALE; AGENT; SERVE
Derwent Class: T01; W01
International Patent Class (Main): G06F-017/60
File Segment: EPI

19/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

01160555 **Image available**
NETWORK CONTROLLER

PUB. NO.: 58-097955 [JP 58097955 A]
PUBLISHED: June 10, 1983 (19830610)
INVENTOR(s): SHIRAI KAZUHIKO
SHIROMIZU YASUBUMI
MORIMOTO AKIRA
SANO ISAO
OKADA KUNIAKI
MORITA YUICHI
NAKAKAWARA KYOICHI
TSURUTA YUZO
OGAWA FUKUE
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)
TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 56-197158 [JP 81197158]
FILED: December 07, 1981 (19811207)
INTL CLASS: [3] H04M-011/06; H04M-015/00
JAPIO CLASS: 44.4 (COMMUNICATION -- Telephone)
JOURNAL: Section: E, Section No. 196, Vol. 07, No. 200, Pg. 51, September 03, 1983 (19830903)

ABSTRACT

PURPOSE: To expand the use and service of a data collector, by switching terminal charging and center charging based on external charging form information, and selecting the charging form in accordance with the purpose of data communication.

CONSTITUTION: When a terminal device 3 sends a calling request signal to a network controller 5, a circuit monitoring circuit 13 monitors the use state of a telephone circuit 1 and after a calling acceptance signal is transmitted, an automatic dialing circuit 11 receives selective dial information and charging form information from the device 3 and sends out a dial signal corresponding to the selective dial information. When the charging information shows a terminal charging form, the circuit 13 detects polarity inversion and when an automatic termination network control circuit 8 receives a center answer signal, the circuit 11 **activates** a **code transmitting** circuit 9, thereby holding **data** communication is held in readiness. When the charging information shows a center charging form, the circuit 8 receives a center answer signal while the circuit 13 does not detect polarity inversion, and then the circuit 11 activates the circuit 9, holding the data communication is held in readiness.

19/5/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016359809 **Image available**
WPI Acc No: 2004-517713/200449
XRPX Acc No: N04-410201
Validation of program code stored in mass storage device during digital

data distribution , **involves comparing** activation code **obtained by concatenating product identification and machine ID, with product ID stored in database of server**

Patent Assignee: ALLEGROASSAI SPA (ALLE-N)
Inventor: LAURITA M
Number of Countries: 102 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200457448	A1	20040708	WO 2002IT805	A	20021219	200449	B

Priority Applications (No Type Date): WO 2002IT805 A 20021219
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200457448	A1	E	29	G06F-001/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM ZW

Abstract (Basic): WO 200457448 A1

NOVELTY - The method involves concatenating product identification (ID) that is supplied by the producer of a program code, and is input by user, with a machine ID uniquely identifying the volume of a partition of the hard disk of a host device (10), to form an activation code. An application server (13) validates the program code by comparing the activation code with the product ID stored in database (14).

USE - For validating program code such as software stored in mass storage device such as disk drive communicating with host device e.g. personal computer or notebook computer that interacts with server of software producer/distributor.

ADVANTAGE - The software producer or distributor can protect the products by inhibiting the use of certain or all program code functions, if the customers do not possess a valid activation code.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the program code validation system.

remote application (1)
mass storage support (2)
mass storage device (9)
host device (10)
application server (13)
database (14)
pp; 29 DwgNo 4/5

Title Terms: VALID; PROGRAM; CODE; STORAGE; MASS; STORAGE; DEVICE; DIGITAL; DATA; DISTRIBUTE; COMPARE; ACTIVATE; CODE; OBTAIN; PRODUCT; IDENTIFY; MACHINE; ID; PRODUCT; ID; STORAGE; DATABASE; SERVE
Derwent Class: T01
International Patent Class (Main): G06F-001/00
File Segment: EPI

19/5/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

015340545 **Image available**
WPI Acc No: 2003-401483/200338

Related WPI Acc No: 2002-557762; 2002-599179; 2002-618184; 2002-681669
XRPX Acc No: N03-320176

Product usage activation and registration method e.g. for computer software in point-of-sale, involves transmitting personal identification number of product package to data storage apparatus, after activation of product

Patent Assignee: RIVERBORNE COMMUNICATIONS LLC (RIVE-N)
Inventor: FIALA B J; HODES M B
Number of Countries: 096 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030004889	A1	20030102	US 2001260058	P	20010105	200338	B
			US 200241934	A	20020108		
WO 200360815	A1	20030724	WO 2002US934	A	20020108	200349	N
AU 2002237816	A1	20030730	AU 2002237816	A	20020108	200421	N
			WO 2002US934	A	20020108		

Priority Applications (No Type Date): US 2001260058 P 20010105; US 200241934 A 20020108; WO 2002US934 A 20020108; AU 2002237816 A 20020108
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030004889	A1		30	G06F-017/60	Provisional application US 2001260058
WO 200360815	A1	E		G06K-005/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 2002237816 A1 G06K-005/00 Based on patent WO 200360815

Abstract (Basic): US 20030004889 A1

NOVELTY - A package (20) having a personal identification number (PIN) (32) and provided with a product having an activation code, is sold at a point-of-sale (POS). The **activation code** is **transmitted** from the POS to a **data** storage apparatus (34) for activation of the product. The product is registered by transmitting the PIN to the data storage apparatus.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) method of selling products at point-of-sale; and

(2) label for applying to a package.

USE - For activating products such as computer software, downloaded music like MP3 audio files, movies, entertainment products, telephone services, other copyrighted material, metered accounts, vended at point-of-sales (POS) and kiosk terminal.

ADVANTAGE - The product is activated and utilized only by unlocking the PIN, thereby ensuring security of purchased products.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of various components used in the product activation method in which the package is vended from a kiosk at the point- of-sale.

package (20)
PIN (32)
data storage apparatus (34)
communication channels (38,44)
kiosk computer (42)
pp; 30 DwgNo 68/76

Title Terms: PRODUCT; ACTIVATE; REGISTER; METHOD; COMPUTER; SOFTWARE; POINT ; SALE; TRANSMIT; PERSON; IDENTIFY; NUMBER; PRODUCT; PACKAGE; DATA; STORAGE; APPARATUS; AFTER; ACTIVATE; PRODUCT

Search Performed by Sylvia Keys 11-Aug-04

21/TI/1 (Item 1 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

METHOD FOR **TRANSMITTING** ALL **CONTENTS** **DATA** TO SECOND **DATA** PROCESSING SYSTEM DURING **DISPLAY** OF **CONTENTS** REDUCED **DATA** IN FIRST DATA PROCESSING SYSTEM

21/TI/2 (Item 2 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

DYNAMICALLY PROVIDED CONTENT PROCESSOR FOR DATA TYPE TRANSCODED IN INTERMEDIATE STAGE OF TRANSCODING PROCESS

21/TI/3 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Insurance coverage accessibility management method for disabled people, involves transmitting **accessibility** data **retrieved corresponding to user identifier received with request, to service provider**

21/TI/4 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Web page data gathering method e.g. for text data, involves performing search for keyword against search engine index of network addresses to identify network addresses that are ordered based on rating associated with network address

21/TI/5 (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Displayed content **magnification method for** downloaded content **involves performing magnification operation on bytes of image if image is the high resolution version, and retrieving specific byte locations if image is low resolution version**

21/TI/6 (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

User input processing method in network data processing system, involves receiving result of search performed with respect to image selected based on user input data

21/TI/7 (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Asymmetric digital subscriber line universal serial bus bandwidth negotiation method, involves reducing isochronous bandwidth request and modifying line rate setting and bus transfer mode in response to availability of bandwidth

21/TI/8 (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Display device request processing method, involves separating device independent from device dependent information and separating bitmaps without/with text code paths and processing them independently process former information

21/TI/9 (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Internet based personalized content provision method, involves associating each user with multicast router that corresponds to geographical location of particular user and data stream of interest registered by user

21/TI/10 (Item 8 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Trace data preserving method for logically partitioned data processing systems, involves encountering error in partition of processor and storing trace buffer contents associated with error prior to data being overwritten

21/TI/11 (Item 9 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Electronic-commerce transaction processing method for purchasing groceries, involves generating electronic order including variable stored ordering information of recurring item, updatable validity period of that item

21/TI/12 (Item 10 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Information searching method in distributed data **processing system, involves initiating peer-to-peer search in conjunction with index search, based on received search query**

21/TI/13 (Item 11 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Cryptographic vault device operating system, has vault manager implemented on computerized system and integrated with application program and vault device generating and transmitting indicia

21/TI/14 (Item 12 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Data sharing method in peer-to-peer data **network, involves** sending **alternate node list associated with specified file in response to request for copy of specified file from source peer node**

21/TI/15 (Item 13 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Deep hyperlinking restricting program comprises instructions to sent repeatedly next page along with indication of subsequent page having subsequent link until desired page is sent, in response to each request for next page from client

21/TI/16 (Item 14 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Parent authorization obtaining method for minor-proposed e-transactions in e-commerce, involves receiving reply message including authorization code from parent and executing e-transaction automatically

21/TI/17 (Item 15 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Data monitoring method in computer system, involves determining whether destination for data **transferred from computer system is trusted site and performing corrective action, if destination is not trusted site**

21/TI/18 (Item 16 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Network-based electronic-content pricing method e.g. for electronic books, involves tracking specific usage characteristics of accessing individual, for charging with price accordingly

21/TI/19 (Item 17 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Internet-based content **distribution management method involves registering additional** content **when no conflict occurs between** distribution **parameters of additional** content **and previously registered contents**

21/TI/20 (Item 18 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Reservation request accepting method in online reservation system, involves accepting request for customized service when customized service is determined to be provided

21/TI/21 (Item 19 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Method of web page delivery for transferring web pages from a web server, under extreme circumstances, determining whether to delay transmission **of** data **over a web network**

21/TI/22 (Item 20 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Search Performed by Sylvia Keys 11-Aug-04

E-coupon extension method involves executing post-expiration instruction corresponding to e-coupon identifier, when e-coupon is expired

21/TI/23 (Item 21 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Electronic document format access provision method involves replacing default image of image element with alternate representation generated from user selected alternate format attribute

21/TI/24 (Item 22 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Information system e.g. desk top computer provides audio presentation of portions of information that is unsuitable for presentation to user

21/TI/25 (Item 23 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Document portion magnification method in browser, involves presenting magnified portion of document in separate display and performing action requested within magnified display

21/TI/26 (Item 24 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Client contact data updating method involves sending update requests to selected financial institutions using data from retrieved access information

21/TI/27 (Item 25 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Web page graphical information depth cue conveying method in networked computer, involves displaying non-visual cue corresponding to depth value in scanned depth map

21/TI/28 (Item 26 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Peer-to-peer search method in data processing system, involves sending search query message to multiple peer nodes identified in identifiers list from server, to initiate peer-to-peer search from specific peer node

21/TI/29 (Item 27 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Non- displayable information presentation method for data processing system, involves audibly presenting non-displayable information associated with meta tag identified in web page

21/TI/30 (Item 28 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Power control method in network data processing system, involves sending logical partition power off request to logical partitions service processor, if supervisor decides that additional active partition is present

21/TI/31 (Item 29 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Internet based legislation user impact estimating method for Medicaid and tax liabilities, involves comparing user's tax liability under proposed legislation with user's previous year tax liability, downloaded from policy making system

21/TI/32 (Item 30 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Sound muffling device used with cell phones in passenger cabin in airplane and train, has closed end to which sound wave guidance tube which is connected to cell phone, is attached

21/TI/33 (Item 31 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Exam content administration e.g. for certification exam of software company, involves providing third party access to transcript generated in response to answers submitted by student to exam questions registered in server

21/TI/34 (Item 32 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Data processing method for digital communication services, involves retrieving user specified parameters and server address based on selection of user interface control

21/TI/35 (Item 33 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Data transferring **method in e-commerce, involves downloading price information in web page from product source server and transferring price information to sales agent server**

21/TI/36 (Item 34 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Data sharing application operation method in peer-to-peer network, involves receiving node characterizing data **from target node, and** displaying data **within application at source node**

21/TI/37 (Item 35 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Data communication method in Internet, involves transmitting reduced content page corresponding to requested data page to wireless device and data page to wired device

21/TI/38 (Item 36 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

System and process to display data on a mobile unit allows display to be switched between two forms

21/TI/39 (Item 37 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

World wide web integrated GPS system for transmission of specific data to mobile user, allows location specific data exchange

21/TI/40 (Item 38 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Icon displaying method in data processing system, involves scaling each icon automatically such that all icons are displayed in designated area on display screen

21/TI/41 (Item 39 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Internet based page display method in computer display monitor, involves displaying current and newly downloaded pages automatically in left and right window panes based on predefined settings

21/TI/42 (Item 40 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Pricing agreement method for data transfer over the Internet uses server to monitor set time period

21/TI/43 (Item 41 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Network-based indicia generating system for generating indicia representing postal payment for plural users and printing postal indicia for inclusion with a package

21/TI/44 (Item 42 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Access regulation method of content producer's server in internet, involves changing initial uniform resource locators stored in server of content distributor based on requirement

21/TI/45 (Item 43 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Content processor for trans-coded data types at intermediate stages of trans-coding process has trans-coding proxy server that sends content **processing software for first format along with content in first format to client**

21/TI/46 (Item 44 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Connection backup providing method between remote routing device and computational facility in computer network, involves supplying information of designated backup local routing device to remote routing device

21/TI/47 (Item 45 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Article shipping information processing method involves producing a shipment label from shipping data **produced and** transferred **in between client terminal and host terminal**

21/TI/48 (Item 46 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Computer-readable medium for computer network
?

Search Performed by Sylvia Keys 11-Aug-04

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File 256:TecInfoSource 82-2004/Jul
         (c)2004 Info.Sources Inc
File   2:INSPEC 1969-2004/Aug W1
         (c) 2004 Institution of Electrical Engineers
File  35:Dissertation Abs Online 1861-2004/May
         (c) 2004 ProQuest Info&Learning
File  65:Inside Conferences 1993-2004/Aug W2
         (c) 2004 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2004/Jul
         (c) 2004 The HW Wilson Co.
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
         (c) 2003 EBSCO Pub.
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File 474:New York Times Abs 1969-2004/Aug 10
         (c) 2004 The New York Times
File 475:Wall Street Journal Abs 1973-2004/Aug 10
         (c) 2004 The New York Times

Set     Items   Description
S1     138716   (DOWNLOAD? OR TRANSFER? OR DISPLAY? OR UPLOAD? OR SENT OR -
              SEND OR SENDS OR SENDING OR TRANSMISS? OR TRANSMIT? OR DISTRI-
              BUT?)(5N)(CONTENT OR CONTENTS OR DATA)
S2       1875   (FIRST OR 1ST)(3N)(PAGE? ? OR SERVER?)
S3        678   (SECOND OR 2ND)(3N)(PAGE? ? OR SERVER?)
S4          0   (PRODUCT()SOURCE()SERVER?)
S5      25372   (FIRST OR 1ST OR SECOND OR 2ND)(5N)(INTERNET OR NETWORK? OR
              ONLINE OR ON()LINE)
S6       6636   (MULTI OR MULTIPL? OR MANY OR SEVERAL OR PLURAL? OR NUMERO-
              US)(5N)(SERVER OR SERVERS)
S7         80   ACTIVAT?(1W)(CODE OR CODES OR CODING?)
S8       1282   AU=(DUTTA, R? OR DUTTA R? OR PATEL, K? OR PATEL K?)
S9         47   S1 AND S2
S10        44   S9 NOT PY=2000
S11        42   RD (unique items)
S12        31   S1 AND S3
S13        29   S12 NOT S11
S14        20   S13 NOT PY>2000
S15        20   RD (unique items)
S16       100   S1(3N)(S5 OR S7)
S17       100   S16 NOT (S11 OR S15)
S18        98   S17 NOT CONTENTS
S19        81   S18 NOT PY>2000
S20        78   RD (unique items)
S21        75   S20 NOT (FIRST(1W)NUMBER?)
S22        56   S21 NOT DISTRIBUT?
S23         3   S1 AND S8
S24         3   RD (unique items)
```

Search Performed by Sylvia Keys 11-Aug-04

11/5/1 (Item 1 from file: 256)
DIALOG(R)File 256:TecInfoSource
(c)2004 Info.Sources Inc. All rts. reserv.

00145438 DOCUMENT TYPE: Review

PRODUCT NAMES: SSL (835111)

TITLE: SSL: The secret handshake of the 'Net
AUTHOR: Rollender, Matt
SOURCE: Network World, v20 n5 p35(1) Feb 3, 2003
ISSN: 0887-7661
HOMEPAGE: http://www.nwfusion.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Secure Sockets Layer (SSL), which is now the unofficial standard for secure communications between end users and Internet sites, is now included in just about all browsers. SSL, a protocol layer, has the SSL handshake and SSL record protocol subprotocols, and both provide authenticated, confidential, and tamper-resistant connections to applications, especially HTTP. SSL is compact and is a neat fit in the processing stack of the Internet. The small footprint of SSL also permits its use with other Internet applications, including intranet and extranet access, application security, wireless applications, and Web services. SSL permits secure data communication over the Internet via encrypted data that leaves the browser and decrypted data after it is secure in the **data** center. **Transmissions** back to the client are also encrypted before they are transported over the Internet. SSL's three important components for security are authentication, confidentiality, and integrity. The client and **server first** exchange credentials and negotiate security parameters, and data are fragmented, encrypted, and wrapped for secure transmission. Until recently, many applications using SSL, including e-commerce systems, did not do client authentication, but companies are now using SSL as a protocol for new applications in the data center.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Charts
DESCRIPTORS: Communications Standards; Computer Security; Data Communications; Internet Security
REVISION DATE: 20030730

11/5/2 (Item 2 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00145183 DOCUMENT TYPE: Review

PRODUCT NAMES: X:drive (778095)

TITLE: Xdrive Revitalizes File Sharing: Inexpensive utility solves many...
AUTHOR: Schuchart, Steven J, Jr
SOURCE: Network Computing, v14 n3 p32(2) Feb 20, 2003
ISSN: 1046-4468
HOMEPAGE: http://www.NetworkComputing.com

RECORD TYPE: Review
REVIEW TYPE: Review

GRADE: A

X:drive's namesake file sharing service/utility excellent is easy to use, competitively priced, and requires little maintenance. However, security auditing and virus scanning are not provided and search functionality is limited. The service assumes that the user must share data, but does not have an easy method for doing so. X:drive users can share large files formfrom a link, separately, from the company network, so that there is no danger that the receiver's e- mail program will crash, the e-mail server will be overloaded, or the Internet connection will get bogged down. X:drive is a competitive, secure, controllable, economical file-sharing utility that presents no problems. X:drive is a very good choice, for instance, for a sales department that requires the ability to share **data** and quotes. Engineering departments **transferring** large files, marketing groups who have to **transmit** customer **data** , IT departments that **send** out software updates, and presenters that want to share PowerPoint files are all candidates for the X:drive service. During testing, X:drive's technicians gave users a workgroup account with 1.875MB storage and a maximum of 25 users at a price of $99 per month. An administrator can import a new users, and the **first page** seen by a new user shows a list of folders shared by the user, the quantity of storage available, and a tip of the day. To share saved files or folders, users choose the file and click the share button. Then a saved contact, an e-mail address, or multiple recipients can become recipients.

COMPANY NAME: X:drive Inc (670651)
SPECIAL FEATURE: Screen Layouts Charts
DESCRIPTORS: E-Mail Utilities; File Transfer; MSP (Management Service Providers); Network Software; Storage Management
REVISION DATE: 20030630

11/5/3 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

8037295 INSPEC Abstract Number: C2004-09-6130S-006
Title: Access control for an organization connected by insecure public networks
Author(s): Yeh, J.; Hu, W.
Author Affiliation: Dept. of Comput. Sci., Boise State Univ., ID, USA
Conference Title: 6th World Multiconference on Systemics, Cybernetics and Informatics. Proceedings Part vol.4 p.413-18 vol.4
Editor(s): Callaos, N.; Hernandez-Encinas, L.; Yetim, F.
Publisher: Int. Inst. Inf. & Syst, Orlando, FL, USA
Publication Date: 2002 Country of Publication: USA 21 vol.(vii+516+513+428+484+488+490+536+551+545+605+588+573+609+376+581+553+568+563+174+343+328) pp.
ISBN: 980 07 8150 1 Material Identity Number: XX-2003-02514
Conference Title: 6th World Multiconference on Systemics, Cybernetics and Informatics
Conference Date: 14-18 July 2002 Conference Location: Orlando, FL, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: An organization may divide its subjects and objects into different groups. Each group has different security clearance or level. In order to prevent sensitive information accessed by irrelevant users, an access control policy is defined to specify the eligible information flows among groups. If the organization is within private network, either access control lists attached on objects or capability lists attached on subobjects are enough to regulate information flows. However for an

organization with different sites connected by insecure public networks, a trusted third party may be necessary to act as an authorization/authentication server. The functionality of this server is to provide authorization and authentication services, and possibly to **distribute** a session key to protect **data** during **transmission** . Kerberos is a typical system that provides services in a network using a trusted third party. In Kerberos, every communication session between two parties needs to get an access ticket from the **server first** . This is not efficient in the sense that a two-way communication needs a three-way communication effort. We propose a key assignment scheme to enforce access control policies of an organization connected by insecure public networks without the involvement of any trusted third party. As a result the efficiency could be enhanced tremendously. (7 Refs)

Subfile: C

Descriptors: authorisation; computer networks; message authentication; public key cryptography

Identifiers: access control policy; private network; access control list; capability list; insecure public network; authorization; authentication server; data protection; Kerberos system; communication session; key assignment scheme

Class Codes: C6130S (Data security); C5620 (Computer networks and techniques)

11/5/4 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

8011318 INSPEC Abstract Number: B2004-08-6210L-120, C2004-08-5620-024

Title: Minimizing delivery cost in scalable streaming content distribution **systems**

Author(s): Almeida, J.M.; Eager, D.L.; Vernon, M.K.; Wright, S.J.

Author Affiliation: Univ. Fed. de Minas Gerais, Belo Horizonte, Brazil

Journal: IEEE Transactions on Multimedia vol.6, no.2 p.356-65

Publisher: IEEE,

Publication Date: April 2004 Country of Publication: USA

CODEN: ITMUF8 ISSN: 1520-9210

SICI: 1520-9210(200404)6:2L.356:MDCS;1-N

Material Identity Number: H274-2004-002

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Recent scalable multicast streaming protocols for on-demand delivery of media content offer the promise of greatly reduced server and network bandwidth. However, a key unresolved issue is how to design scalable **content distribution** systems that place replica servers closer to various client populations and route client requests and response streams so as to minimize the total server and network delivery cost. This issue is significantly more complex than the design of distribution systems for traditional Web files or unicast on-demand streaming, for two reasons. **First** , closest **server** and shortest path routing does not minimize network bandwidth usage; instead, the optimal routing of client requests and server multicasts is complex and interdependent. Second, the server bandwidth usage increases with the number of replicas. Nevertheless, this paper shows that the complex replica placement and routing optimization problem, in its essential form, can be expressed fairly simply, and can be solved for example client populations and realistic network topologies. The solutions show that the optimal scalable system can differ significantly from the optimal system for conventional delivery. Furthermore, simple canonical networks are analyzed to develop insights into effective heuristics for near-optimal placement and routing. The proposed new

heuristics can be used for designing large and heterogeneous systems that are of practical interest. For a number of example networks, the best heuristics produce systems with total delivery cost that is within 16% of optimality. (25 Refs)
Subfile: B C
Descriptors: client-server systems; minimisation; multicast protocols
Identifiers: scalable streaming **content distribution** systems; delivery cost minimization; scalable multicast streaming; on-demand delivery; media content; server bandwidth; network bandwidth; scalable **content distribution** systems; replica servers; client populations; client requests; shortest path routing; closest server routing; network bandwidth usage; server multicasts; complex replica placement; routing optimization problem; optimal scalable system; canonical networks; near-optimal placement; large heterogeneous systems
Class Codes: B6210L (Computer communications); B6150M (Protocols); B0260 (Optimisation techniques); C5620 (Computer networks and techniques); C5640 (Protocols); C6150N (Distributed systems software); C1180 (Optimisation techniques)

11/5/5 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC

7736039 INSPEC Abstract Number: B2003-10-7510-029, C2003-10-7330-442
Title: An i-mode portable healthcare monitor
Author(s): Chen, W.; Wei, D.; Kobayashi, T.; Teshigawara, Y.; Yang, J.
Author Affiliation: Dept. of Comput. Software, Univ. of Aizu, Japan
Conference Title: Conference Proceedings. Second Joint EMBS-BMES Conference 2002. 24th Annual International Conference of the Engineering in Medicine and Biology Society. Annual Fall Meeting of the Biomedical Engineering Society (Cat. No.02CH37392) Part vol.3 p.1851-2 vol.3
Publisher: IEEE, Piscataway, NJ, USA
Publication Date: 2002 Country of Publication: USA 3 vol.(lxxxvi+lxiv+2682) pp.
ISBN: 0 7803 7612 9 Material Identity Number: XX-2002-03529
U.S. Copyright Clearance Center Code: 0-7803-7612-9/02/$17.00
Conference Title: Conference Proceedings. Second Joint EMBS-BMES Conference 2002 24th Annual International Conference of the Engineering in Medicine and Biology Society. Annual Fall Meeting of the Biomedical Engineering Society
Conference Date: 23-26 Oct. 2002 Conference Location: Houston, TX, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: A portable monitor for ambulatory healthcare using an i-mode cellular phone is proposed. This monitor consists of tiny unit and a cellular phone with Java platform. The unit includes a common module and a functional module. The common module provides a shared interface (analog to digital conversion, signal processing and data communication protocol conversion and etc.) for diversity of the biosignals. The functional module is replaceable and applicable to various pick-up sensors for different vital signs. An i-mode digital cellular phone with Java supported Internet browser is connected to the common module via the PDC connector. When a client signs in the i-mode **server first** time using his/her cellular phone, i appll (Java program for an i-mode cellular phone) will be automatically downloaded into the phone and initiated. The common module identifies which kind of signal is incoming from the functional module and then launch the corresponding software package to detect the signal. If any abnormality in the vital sign is recognized, **data** will be **sent** to specific server via an i-mode cellular phone. An interactive communication

link is then setup between a doctor and a client through the wireless network. (5 Refs)
Subfile: B C
Descriptors: biomedical equipment; biomedical telemetry; cellular radio; health care; Internet telephony; Java; telemedicine
Identifiers: i-mode cellular phone; i appll; interactive communication link; wireless network; ambulatory healthcare; doctor; shared interface; analog to digital conversion; functional module; pick-up sensors; vital signs; software package; data communication protocol conversion; biosignals diversity; cellular phone
Class Codes: B7510 (Biomedical measurement and imaging); B7550 (Biomedical communication); B6250F (Mobile radio systems); B6210L (Computer communications); B6210D (Telephony); B7210F (Telemetering systems); C7330 (Biology and medical computing); C6140D (High level languages); C7210N (Information networks)

11/5/6 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC

7567871 INSPEC Abstract Number: B2003-04-6250B-020, C2003-04-6150N-075
Title: Scheduling over a time-varying user-dependent channel with applications to high speed wireless data
Author(s): Andrews, M.; Zhang, L.
Author Affiliation: Lucent Technol. Bell Labs., Murray Hill, NJ, USA
Conference Title: Proceedings 43rd Annual IEEE Symposium on Foundations of Computer Science p.293-302
Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
Publication Date: 2002 Country of Publication: USA xvi+813 pp.
ISBN: 0 7695 1822 2 Material Identity Number: XX-2002-01554
U.S. Copyright Clearance Center Code: 0272-5428/02/$17.00
Conference Title: Proceedings of 43rd Annual IEEE Symposium on Foundations of Computer Science
Conference Sponsor: IEEE Comput. Soc. Tech. Committee on Maht. Found. Comput. (TCMF); ACM/SIGACT
Conference Date: 16-19 Nov. 2002 Conference Location: Vancouver, BC, Canada
Language: English Document Type: Conference Paper (PA)
Treatment: Theoretical (T)
Abstract: In a wireless network, a basestation **transmits data** to mobiles at time-varying, mobile-dependent rates due to the ever changing nature of the communication channels. In this paper we consider a wireless system in which the channel conditions and data arrival processes are governed by an adversary. We **first** consider a single **server** and a set of users. At each time step t the server can only **transmit data** to one user. If user i is chosen the transmission rate is r/sub i/(t). We say that the system is (omega , epsilon)-admissible if in any window of omega time steps the adversary can schedule the users so that the total data arriving to each user is at most 1 - epsilon times the total service it receives. Our objective is to design on-line scheduling algorithms to ensure stability in an admissible system. We first show, somewhat surprisingly, that the admissibility condition alone does not guarantee the existence of a stable online algorithm, even in a subcritical system (i.e. epsilon > 0). For example, if the nonzero rates in an infinite rate set can be arbitrarily small, then a subcritical system can be unstable for any deterministic online algorithm. On a positive note, we present a tracking algorithm that attempts to mimic the behavior of the adversary. This algorithm ensures stability for all (omega , epsilon)-admissible systems that are not excluded by our instability results. As a special case, if the

rate set is finite, then the tracking algorithm is stable even for a critical system (i.e. epsilon = 0). Moreover, the queue sizes are independent of e. For subcritical systems, we also show that a simpler max weight algorithm is stable as long as the user rates are bounded away from zero. The offline version of our problem resembles the problem of scheduling unrelated machines and can be modeled by an integer program. We present a rounding algorithm for its linear relaxation and prove that the rounding technique cannot be substantially improved. We conclude by discussing the extension of our model to the network setting. (18 Refs)
Subfile: B C
Descriptors: radio access networks; scheduling
Identifiers: wireless network; on-line scheduling; admissible system; scheduling machines; rounding algorithm; packet scheduling; server; multiple queues
Class Codes: B6250B (Radio access systems); C6150N (Distributed systems software); C1290F (Systems theory applications in industry)

11/5/7 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC

7280088 INSPEC Abstract Number: B2002-07-6150M-016, C2002-07-7210N-015
Title: A Web page transmission mechanism with transmission order control of inline objects
Author(s): Nakano, T.; Harumoto, K.; Shimojo, S.; Nishio, S.
Author Affiliation: Dept. of Inf. Syst. Eng., Osaka Univ., Japan
Journal: Systems and Computers in Japan vol.33, no.4 p.14-24
Publisher: Scripta Technica,
Publication Date: April 2002 Country of Publication: USA
CODEN: SCJAEP ISSN: 0882-1666
SICI: 0882-1666(200204)33:4L.14:PTMW;1-1
Material Identity Number: J969-2002-006
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: Due to the increasing popularity of the Internet, the WWW (World Wide Web) has become the most popular way to **distribute** multimedia **contents** . In the WWW, impressive information can be provided by embedding a large number of inline objects such as images in a WWW page. Since these inline objects are generally presented in WWW browsers in transmission order, the transmission order of inline objects becomes very important, especially for users accessing the Internet with a low-speed connection such as a dial-up line. In this paper, we propose a page **transmission** mechanism, which allows **content** authors to specify the **transmission** order of inline objects in WWW **pages** . **First** , we define a language to specify the transmission order of inline objects based on XML (Extensible Markup Language). We then discuss how we can implement the trans mission order control, and propose a new protocol, HTSP (Hypertext Streaming Protocol), which realizes efficient transmission of ordered inline objects. (9 Refs)
Subfile: B C
Descriptors: information resources; Internet; protocols
Identifiers: Web page transmission mechanism; transmission order control; inline objects; Internet; WWW; World Wide Web; dial-up line; XML; protocol; HTSP; hypertext streaming protocol
Class Codes: B6150M (Protocols); B6210L (Computer communications); C7210N (Information networks); C5640 (Protocols); C6150N (Distributed systems software)

11/5/8 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC
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7114037 INSPEC Abstract Number: B2002-01-6210L-198, C2002-01-0230B-013
Title: A law-abiding peer-to-peer network for free-software distribution
Author(s): Bakker, A.; van Steen, M.; Tanenbaum, A.S.
Author Affiliation: Dept. of Math. & Comput. Sci., Vrije Univ., Amsterdam, Netherlands
Conference Title: Proceedings IEEE International Symposium on Network Computing and Applications. NCA 2001 p.60-7
Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
Publication Date: 2001 Country of Publication: USA xiii+373 pp.
ISBN: 0 7695 1432 4 Material Identity Number: XX-2001-02352
U.S. Copyright Clearance Center Code: 0-7695-1432-4/01/$10.00
Conference Title: Proceedings IEEE International Symposium on Network Computing and Applications. NCA 2001
Conference Sponsor: IEEE Comput. Soc
Conference Date: 8-10 Oct. 2001 Conference Location: Cambridge, MA, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: The Globe Distribution Network (GDN) is an application for worldwide distribution of freely redistributable software packages. The GDN takes a novel, optimistic approach to stop the illegal distribution of copyrighted and illicit material via the network. Instead of having moderators check the software archives at **upload** time, illegal **content** is removed and its **uploader** 's access to the network permanently revoked only when the content is discovered. An important feature of the GDN is that the objects containing the software can run on untrustworthy **servers** . A **first** version of the GDN has been implemented and has been running since October 2000 across four European sites. (11 Refs)
Subfile: B C
Descriptors: computer networks; copyright; legislation; public domain software
Identifiers: Globe Distribution Network; redistributable software packages; illegal distribution; copyrighted; illegal content; untrustworthy servers; freely redistributable software; free software
Class Codes: B6210L (Computer communications); C0230B (Legal aspects of computing); C5620 (Computer networks and techniques)

11/5/9 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC
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6850419 INSPEC Abstract Number: B2001-04-6210L-014, C2001-04-6150N-020
Title: A page transmission mechanism with transmission order control of inline objects
Author(s): Nakano, T.; Harumoto, K.; Shimojo, S.; Nishio, S.
Author Affiliation: Dept. of Inf. Syst. Eng., Osaka Univ., Japan
Journal: Transactions of the Institute of Electronics, Information and Communication Engineers D-I vol.J84D-I, no.2 p.155-64
Publisher: Inst. Electron. Inf. & Commun. Eng,
Publication Date: Feb. 2001 Country of Publication: Japan
CODEN: DTRDES ISSN: 0915-1915
SICI: 0915-1915(200102)J84DI:2L.155:PTMW;1-Y
Material Identity Number: M972-2001-003

Language: Japanese Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: Due to the increasing popularity of the Internet, the WWW (World Wide Web) has become the most popular way to **distribute** multimedia **contents** . In the WWW, impressive information can be provided by embedding a large number of inline objects such as images in a WWW page. Since these inline objects are generally presented on a WWW browser with the order of transmission, the transmission order of inline objects becomes very important, especially for users accessing the Internet with a low-speed link such as a dial-up line. We propose a page **transmission** mechanism which allows **content** providers to specify the **transmission** order of inline objects in WWW **pages** . **First** , we define a language to specify the transmission order of inline objects. We then discuss how we can implement the transmission order control, and propose a new protocol, HSTP (Hypertext Streaming Protocol), which realizes efficient transmission of ordered inline objects. (7 Refs)
Subfile: B C
Descriptors: hypermedia; information resources; Internet; multimedia computing; transport protocols
Identifiers: page transmission mechanism; transmission order control; ordered inline objects; Internet; WWW; World Wide Web; multimedia contents; WWW page; WWW browser; transmission order; low-speed link; dial-up line; content providers; WWW pages; HSTP; Hypertext Streaming Protocol
Class Codes: B6210L (Computer communications); B6210R (Multimedia communications); B6150M (Protocols); C6150N (Distributed systems software); C7210N (Information networks); C5620W (Other computer networks); C6130M (Multimedia); C6130D (Document processing techniques); C5640 (Protocols)

11/5/10 (Item 8 from file: 2)
DIALOG(R)File 2:INSPEC

6656871 INSPEC Abstract Number: A2000-17-2980-014, B2000-09-7420-009, C2000-09-7320-025
Title: The enhanced data acquisition system for the 4 pi detector CHIMERA
Author(s): Aiello, S.; Alderighi, M.; Anzalone, A.; Bartolucci, M.; Campisi, M.G.; Cardella, G.; Cavallaro, S.; De Filippo, E.; Femino, S.; Geraci, E.; Geraci, M.; Giustolisi, F.; Greco, A.; Guazzoni, P.; Iacono Manno, C.M.; Lanzalone, G.; Lanzano, G.; Lo Nigro, S.; Manfredi, G.; Pagano, A.; Papa, M.; Pirrone, S.; Politi, G.; Porto, F.; Sambataro, S.; Sechi, G.; Sperduto, M.L.; Sutera, C.M.; Zetta, L.
Author Affiliation: Ist. Nazionale di Fisica Nucl., Catania, Italy
Conference Title: 1999 IEEE Conference on Real-Time Computer Applications in Nuclear Particle and Plasma Physics. 11th IEEE NPSS Real Time Conference. Conference Record (Cat. No.99EX295) p.78-82
Editor(s): Schaller, S.C.
Publisher: IEEE, Piscataway, NJ, USA
Publication Date: 1999 Country of Publication: USA xvii+570 pp.
ISBN: 0 7803 5463 X Material Identity Number: XX-2000-01049
Conference Title: 1999 IEEE Conference on Real-Time Computer Applications in Nuclear Particle and Plasma Physics. 11th IEEE NPSS Real Time Conference
Conference Sponsor: IEEE; IEEE Nucl. & Plasma Sci. Soc
Conference Date: 14-18 June 1999 Conference Location: Sante Fe, NM, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P); Experimental (X)
Abstract: CHIMERA is a second generation 4 pi detector for high resolution light particles and fragments measurements in the field of intermediate energy nuclear physics. An enhanced data acquisition, control

and trigger system has been developed to manage the almost 5000 electronic channels of the detector. Data acquisition is based on fast data link (FDL) connection between 9U VME crates. FDL is a highly programmable VME device. It performs **data** readout and **transfer** to a destination board VME CPU, FIC8243, running the real time OS9 operating system. **Data** read and **transfer** is performed by a fast protocol (sparse data scan) whose performances have been improved introducing the chained block **transfer** mode (CELT) technique. **Data** collected by the CPU are broadcasted to the analysis stations for on-line data analysis and storage. All commands from and to VME CPU are sent by socket based network protocols. Complete remote control of the electronic front-end is obtained by a system of client-**server** applications. A **first** level event selection and control during readout is assured by a trigger system based on a new VME 9U board (MUSE), fully integrated with the FDL readout system. (16 Refs)

Subfile: A B C

Descriptors: data acquisition; high energy physics instrumentation computing; silicon radiation detectors; system buses

Identifiers: data acquisition; CHIMERA detector; fast data link; 9U VME crates; FIC8243; sparse data scan; chained block transfer mode; client-server applications; trigger system; MUSE

Class Codes: A2980C (Computer systems for nuclear information processing) ; B7420 (Particle and radiation detection and measurement); B7210G (Data acquisition systems); C7320 (Physics and chemistry computing); C5520 (Data acquisition equipment and techniques)

11/5/11 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

6523697 INSPEC Abstract Number: C2000-04-6160J-005

Title: Design and implementation of JB-OODBT: an object-oriented database toolkit for JB/CASE

Author(s): Xu Xue-Biao; Gu Ning; Shi Bai-Le

Author Affiliation: Dept. of Comput. Sci., Fudan Univ., Shanghai, China

Journal: Chinese Journal of Advanced Software Research vol.6, no.3 p.218-35

Publisher: Allerton Press,

Publication Date: 1999 Country of Publication: USA

CODEN: CJSRES ISSN: 1074-7443

SICI: 1074-7443(1999)6:3L.218:DIOO;1-N

Material Identity Number: C341-2000-003

U.S. Copyright Clearance Center Code: 1074-7443/99/$50.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The authors present several aspects of the design and implementation of JB-OODBT, an object-oriented database toolkit for JB/CASE, which is an integrated CASE system under development in Peking University, P.R.China. Since most of the data in JB/CASE's repositories are stored in a variety of database systems, the aim of JB-OODBT is not only to provide APIs for database applications in JB/CASE, but also to establish a uniform object paradigm and to provide a set of tools for efficient object manipulation/query on these underlying heterogeneous, autonomous, **distributed data** sources in client/ **server** environments. **First** , the architecture of JB-OODBT and kernel implementation mechanisms are introduced briefly. Then the JBCOM, a common object model adopted in JB-OODBT compatible with ODMG 2.0's Object Model and OMG CORBA's Data Model, is presented, which provides some basic OO features as attribute, method, inheritance and reference to JB/CASE users. As for the interface,

the authors give a detailed description of three types of interface, namely JBIntegrator, Embedded JB/C++ API and JBOQL, which provide CASE users with a set of tools and functionalities for every phase of OODBMS application development. In addition, several kernel implementation techniques of JB-OODBT, including schema translation, buffer management, version management and transaction management, are given in this paper. (23 Refs)

Subfile: C

Descriptors: application program interfaces; client-server systems; computer aided software engineering; distributed databases; distributed object management; inheritance; object-oriented databases; query processing ; transaction processing

Identifiers: JB-OODBT; object-oriented database toolkit; JB/CASE; CASE; API; uniform object paradigm; object manipulation; query processing; **distributed data** sources; client server environments; JBCOM; common object model; ODMG; CORBA; inheritance; JBIntegrator; Embedded JB/C++; JBOQL; schema translation; buffer management; version management; transaction management

Class Codes: C6160J (Object-oriented databases); C6115 (Programming support); C6160B (Distributed databases); C6150N (Distributed systems software)

11/5/12 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

6283304 INSPEC Abstract Number: B1999-08-6430G-002, C1999-08-5630M-005

Title: Multimedia-friendly server and communication design

Author(s): Shin, K.; Abdelzaher, T.; Han, S.; Reumann, J.; Abram-Profeta, E.

Author Affiliation: Dept. of Electr. Eng. & Comput. Sci., Michigan Univ., Ann Arbor, MI, USA

Journal: IEEE Multimedia vol.6, no.2 p.84-90

Publisher: IEEE,

Publication Date: April-June 1999 Country of Publication: USA

CODEN: IEMUE4 ISSN: 1070-986X

SICI: 1070-986X(199904/06)6:2L.84:MFSC;1-P

Material Identity Number: B466-1999-002

U.S. Copyright Clearance Center Code: 1070-986X/99/$10.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: We report on a set of projects to: design, implement, and evaluate software frameworks for providing performance assurances in emerging Internet services and real-time applications with a focus on multimedia; and design and evaluate video-on-demand (VOD) **servers** as an application. **First** we describe the Adaptware project, which investigates adaptive software for server platforms. A complementary project addresses reliable **transmission** of QoS-sensitive **data** over packet switched networks. Together, these two prongs compose an end-to-end approach to achieving flexible QoS guarantees for future Internet applications. We discuss VOD servers as a potential application of this two-pronged approach. (6 Refs)

Subfile: B C

Descriptors: Internet; multimedia servers; packet switching; quality of service; real-time systems; video on demand; video servers

Identifiers: multimedia-friendly server; communication design; software frameworks; performance assurance; Internet; real-time applications; video-on-demand servers; Adaptware project; adaptive software; quality of service; packet switched networks

Class Codes: B6430G (Video on demand and video servers); B6210L (Computer

communications); C5630M (Multimedia servers); C5620W (Other computer networks); C6150N (Distributed systems software)

11/5/13 (Item 11 from file: 2)
DIALOG(R)File 2:INSPEC

6190775 INSPEC Abstract Number: C1999-04-7810C-116
Title: Remotely controlled vehicles on the Internet
Author(s): Gyulai, C.; Abbott, B.A.; Olsen, G.
Author Affiliation: Dept. of Electr. & Comput. Eng., Utah State Univ., Logan, UT, USA
Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.3366 p.93-9
Publisher: SPIE-Int. Soc. Opt. Eng,
Publication Date: 1998 Country of Publication: USA
CODEN: PSISDG ISSN: 0277-786X
SICI: 0277-786X(1998)3366L.93:RCVI;1-5
Material Identity Number: C574-1998-206
U.S. Copyright Clearance Center Code: 0277-786X/98/$10.00
Conference Title: Robotic and Semi-Robotic Ground Vehicle Technology
Conference Sponsor: SPIE
Conference Date: 15-16 April 1998 Conference Location: Orlando, FL, USA
Language: English Document Type: Conference Paper (PA); Journal Paper (JP)
Treatment: Practical (P)
Abstract: The Redrover, Redrover project implements a control system that runs over the Internet. The goal of the project is to provide an inexpensive educational tool that introduces elementary and middle school aged students to robotic vehicles, the Internet, concepts of remote control, and planetary exploration. The control loop consists of a server and client(s), which communicate locally or through the Internet. The server receives move commands from the client and **sends** back images and sensor **data** . The server part of the program runs on a computer that is connected to a rover built by using Lego blocks. The control interface between the computer and the rover turns on and off the drive motors and collects data from the sensors. The client user interface was **first** based on HTML **pages** , subsequently it was rewritten to increase the speed of the application and create a more consistent user interface. Advantages of using the Internet for remote control are cheap implementation and universal availability. The disadvantage is the generally low bandwidth of the Internet resulting in low **data** **transfer** rates and uneven response times. (7 Refs)
Subfile: C
Descriptors: client-server systems; educational computing; Internet; mobile robots; telerobotics; user interfaces
Identifiers: remotely controlled vehicles; Internet; Redrover, Redrover project; educational tool; robotic vehicles; remote control; planetary exploration; client-server systems; rover; Lego blocks; drive motors; client user interface; HTML pages; low **data** **transfer** rates; uneven response times
Class Codes: C7810C (Computer-aided instruction); C3390C (Mobile robots); C3390T (Telerobotics); C7420 (Control engineering computing); C7210N (Information networks); C6180 (User interfaces)

11/5/14 (Item 12 from file: 2)
DIALOG(R)File 2:INSPEC

5938846 INSPEC Abstract Number: B9807-6210L-108, C9807-5620W-069
Title: Measuring the impact of event dispatching and concurrency models on Web server performance over high-speed networks
Author(s): Hu, J.C.; Pyarali, I.; Schmidt, D.C.
Author Affiliation: Dept. of Comput. Sci., Washington Univ., St. Louis, MO, USA
Conference Title: GLOBECOM 97. IEEE Global Telecommunications Conference. Conference Record (Cat. No.97CH36125) Part vol.3 p.1924-31 vol.3
Publisher: IEEE, New York, NY, USA
Publication Date: 1997 Country of Publication: USA 3 vol. xxvii+1962 pp.
ISBN: 0 7803 4198 8 Material Identity Number: XX97-02850
U.S. Copyright Clearance Center Code: 0 7803 4198 8/97/$10.00
Conference Title: GLOBECOM 97. IEEE Global Telecommunications Conference. Conference Record
Conference Sponsor: Bull Worldwide Inf. Syst
Conference Date: 3-8 Nov. 1997 Conference Location: Phoenix, AZ, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Theoretical (T)
Abstract: Provides two contributions to the study of high-performance Web **servers** . **First** , it outlines the optimizations necessary to build efficient and scalable Web servers and illustrates how we've applied some of these optimizations to create JAWS. JAWS is a high-performance Web server that is explicitly designed to alleviate overheads incurred by existing Web servers on high-speed networks. It consistently outperforms existing Web servers (such as Apache, Java Server, PHTTPD, Zeus, and Netscape Enterprise) over 155 Mbps ATM networks on UNIX platforms. Second, this paper describes how we have customized JAWS to leverage advanced features of Windows NT for multiprocessor hardware over ATM. The Windows NT features used in JAWS include asynchronous mechanisms for connection establishment and **data transfer** . Our previous benchmarking studies demonstrate that once the overhead of disk I/O is reduced to a negligible constant factor, the primary determinants of Web server performance are the concurrency and event dispatching strategies. Our performance results over a ~155 Mbps ATM link indicate that certain Windows NT asynchronous I/O mechanisms (i.e. TransmitFile) provide superior performance for large file transfers compared with conventional synchronous multi-threaded servers. On the other hand, synchronous event dispatching performed better for files less than 50 kbytes. Thus, to provide optimal performance, Web servers should be adaptive, choosing to use different mechanisms to handle requests for large files, while using alternative I/O mechanisms for requests for small files. (9 Refs)
Subfile: B C
Descriptors: asynchronous transfer mode; file servers; Internet; multiprocessing programs; optimisation
Identifiers: event dispatching; concurrency models; Web server performance; high-speed networks; high-performance Web server; optimization ; JAWS; ATM networks; UNIX platforms; Windows NT; multiprocessor hardware; asynchronous mechanisms; connection establishment; **data transfer** ; disk I/O; performance results; asynchronous I/O mechanism; TransmitFile; file transfers; synchronous event dispatching; World Wide Web; 155 Mbit/s
Class Codes: B6210L (Computer communications); C5620W (Other computer networks); C6150N (Distributed systems software); C5670 (Network performance)
Numerical Indexing: bit rate 1.55E+08 bit/s

11/5/15 (Item 13 from file: 2)
DIALOG(R)File 2:INSPEC

5739979 INSPEC Abstract Number: B9712-6210L-084, C9712-6150N-049
Title: High performance Web servers on Windows NT: design and performance
Author(s): Hu, J.C.; Pyarali, I.; Schmidt, D.C.
Author Affiliation: Washington Univ., St. Louis, MO, USA
Conference Title: Proceedings of the USENIX Windows NT Workshop p.149
Publisher: USENIX Assoc, Berkeley, CA, USA
Publication Date: 1997 Country of Publication: USA 150 pp.
Material Identity Number: XX97-02511
Conference Title: Proceedings of the USENIX Windows NT Workshop
Conference Date: 11-13 Aug. 1997 Conference Location: Seattle, WA, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: This research provides two contributions to the study of high performance Web **servers** . **First** , it outlines the optimizations necessary to build efficient and scalable Web servers and illustrates how we applied some of these optimizations to create JAWS, a high performance Web server that is explicitly designed to alleviate overheads incurred by existing Web servers on high speed networks. Second, the paper describes how we have customized JAWS to leverage advanced features of Windows NT, such as asynchronous mechanisms for connection establishment and **data transfer** . Our work includes performance results which characterize the effectiveness of these techniques under increasing server load conditions. We conclude that optimal performance requires adaptive server behavior. (2 Refs)
Subfile: B C
Descriptors: Internet; network operating systems; network servers
Identifiers: high performance Web servers; Windows NT; scalable Web servers; JAWS; high performance Web server; high speed networks; asynchronous mechanisms; connection establishment; **data transfer** ; server load conditions; optimal performance; adaptive server behavior
Class Codes: B6210L (Computer communications); C6150N (Distributed systems software); C5620W (Other computer networks); C5690 (Other data communication equipment and techniques)

11/5/16 (Item 14 from file: 2)
DIALOG(R)File 2:INSPEC

5107435 INSPEC Abstract Number: C9512-7250R-040
Title: The USPTO's Foreign Patent Access System (FPAS PLUS)
Author(s): Dell'Orto, K.M.
Author Affiliation: Foreign Documents Div., US Patent & Trademark Office, Washington, DC, USA
Journal: World Patent Information vol.17, no.3 p.183-7
Publication Date: Sept. 1995 Country of Publication: USA
CODEN: WPAID2 ISSN: 0172-2190
U.S. Copyright Clearance Center Code: 0172-2190/95/$9.50+0.00
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: The USPTO's Foreign Patent Access System (FPAS), located in the Scientific and Technical Information Center (STIC), is a token ring LAN dedicated to library dissemination of foreign patent information and documents contained in CD-ROMs to internal and external customers. The CD-ROMs currently contain documents from countries and, with the addition document system of USPat, has now become FPAS PLUS. The CD-ROMs are held in

various jukebox systems with a capacity of 1450 CD-ROMs (approximately 1.3 million documents). The system comprises eight workstations, four for the public and four for the USPTO. An express service allows a user to order copies of up to 10 documents by country code and document number whilst a full service option enables performance of a simple search of **first page** bibliographic **data** and titles and to **display** and print a hit list. (0 Refs)
Subfile: C
Descriptors: CD-ROMs; information dissemination; information retrieval; jukebox storage systems; local area networks; patents; workstations
Identifiers: USPTO's Foreign Patent Access System; Scientific and Technical Information Center; token ring LAN; library dissemination; foreign patent information; foreign patent documents; CD-ROMs; internal customers; external customers; USPat document system; jukebox systems; workstations; express service; user; copy ordering; document number; country code; full service option; **first page** bibliographic data search ; title search; hit list printing; hit list display
Class Codes: C7250R (Information retrieval techniques); C7220 (Generation, dissemination, and use of information); C5620L (Local area networks)

11/5/17 (Item 15 from file: 2)
DIALOG(R)File 2:INSPEC

04225833
Title: Here come the HR client/server systems!
Author(s): Ricciuti, M.
Journal: Datamation vol.38, no.14 p.37-8, 40
Publication Date: 1 July 1992 Country of Publication: USA
CODEN: DTMNAT ISSN: 0011-6963
Language: English Document Type: Journal Paper (JP)
Treatment: General, Review (G); Practical (P)
Abstract: The human resources (HR) software business has exploded recently, leaving a variety of new options for users, from the standard mainframe-based HR systems to new client/server packages that split data processing betweens PCs and mainframe or midrange systems. Companies like Walnut Creek, People Soft Inc. now deliver products that can combine the **data - display** and graphics power of PCs with the number-crunching power of the new LAN servers or the old mainframes. PeopleSoft's PS/HRMS-one of the industry's **first** client/ **server** -based HR products-is a good example of what users are beginning to expect all the newer HR products to offer.
Subfile: D
Descriptors: network servers; personnel
Identifiers: human resources software; client/server systems; Walnut Creek; People Soft; **data - display** ; graphics; PS/HRMS
Class Codes: D2110 (Personnel); D5020 (Computer networks and intercomputer communications)

11/5/18 (Item 16 from file: 2)
DIALOG(R)File 2:INSPEC

03935495 INSPEC Abstract Number: B91051984, C91047760
Title: Performance measurements of the X Window System communication protocol
Author(s): Droms, R.; Dyksen, W.R.

Author Affiliation: Bucknell Univ., Lewisburg, PA, USA
Journal: Software - Practice and Experience vol.20, no.S2 p.119-36
Publication Date: Oct. 1990 Country of Publication: UK
CODEN: SPEXBL ISSN: 0038-0644
U.S. Copyright Clearance Center Code: 0038-0644/90/S20119-18$09.00
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: The X Window System is a portable, network transparent window system. An X server manages the resources of an X display consisting of a screen, keyboard and pointer. An X server distributes user input (events) to and accepts output (requests) from X clients which vie for display resources. There are two types of delays that might be introduced by network communications between an X **server** and client. The **first** is latency delay caused by the effect of round-trip transmission times between a server and a client. The second is transmission delay caused by the finite bandwidth available on an Ethernet. The authors study examines transmission delay by determining the percentage of available **data transmission** bandwidth consumed by the X protocol as used by several specific X applications. They present an analysis of the X protocol in which they measure the number and size of messages passed between a server and clients for a variety of test cases. These data are then compared to the communication resources available to servers and clients in an Ethernet-based inter-network. The resulting bandwidth utilization patterns can help guide X programmers and network architects in the design of systems that use X by pointing out where the X protocol may represent a significant load. (17 Refs)
Subfile: B C
Descriptors: graphical user interfaces; local area networks; multiprogramming; performance evaluation; protocols
Identifiers: performance measurements; X Window System communication protocol; network transparent window system; X server; X display; X clients ; network communications; latency delay; round-trip transmission times; transmission delay; finite bandwidth; **data transmission** bandwidth; X protocol; communication resources; Ethernet-based inter-network
Class Codes: B6210L (Computer communications); C5620L (Local area networks); C6150J (Operating systems); C6180 (User interfaces)

11/5/19 (Item 17 from file: 2)
DIALOG(R)File 2:INSPEC

03472272 INSPEC Abstract Number: C89062841
Title: F-TAS: a full-text access system
Author(s): Prasse, M.J.; Dillon, M.; Gordon, M.J.; Mortland, B.; Repka, A.
Author Affiliation: OCLC, Dublin, OH, USA
Conference Title: National Online Meeting. Proceedings - 1988 p.327-32
Publisher: Learned Inf, Medford, NJ, USA
Publication Date: 1988 Country of Publication: USA xv+456 pp.
ISBN: 0 938734 26 1
Conference Sponsor: Online Review
Conference Date: 10-12 May 1988 Conference Location: New York, NY, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P); Product Review (R)
Abstract: Describes a mouse-controlled, full-text access system (F-TAS) that integrates general interface design principles with the results of studies of perceiving and comprehending text. F-TAS is discussed within a framework of three categories of interface-design issues for full-text retrieval: (1) general interface issues, (2) perceptual issues relevant to reading, and (3) cognitive issues such as displaying paragraphs as

'cognitive units.' F-TAS users may access a document at the page of word(s) level. Pressing the left or right mouse button, respectively, pages forward or backward throughout the document. The middle mouse button can be used to select: (1) icons representing the **first** or last **page** of the document, (2) locations on a scrollbar relative to the **first** or last **page** , (3) icons to **display** the table of **contents** or the index, (4) page numbers from the table of contents or the index, or (5) bookmarks established by the user. At the word level, a user can use the mouse to select terms from the displayed text or enter terms from the keyboard. The locations of paragraphs containing the search term(s) are indicated by icons displayed below the scrollbar, and special icons indicate whether the search terms appears in the table of contents or index. (16 Refs)

Subfile: C

Descriptors: information retrieval; information retrieval systems; mouse controllers (computers); software packages; user interfaces

Identifiers: Sun 3150 workstation; mouse controlled user interface; F-TAS ; full-text access system; comprehending text; interface-design; full-text retrieval; perceptual issues; reading; cognitive issues; displaying paragraphs; mouse button; icons; last page; scrollbar; page numbers; bookmarks

Class Codes: C6180 (User interfaces); C7250L (Non-bibliographic systems)

11/5/20 (Item 18 from file: 2)

DIALOG(R)File 2:INSPEC

03271470 INSPEC Abstract Number: B89004257, C89002806

Title: Secondary memory analysis of a mini/microcomputer in resource-sharing distributed information systems

Author(s): Reddi, A.V.

Journal: Computer Systems Science and Engineering vol.3, no.4 p. 189-98

Publication Date: Oct. 1988 Country of Publication: UK

CODEN: CSSEEI ISSN: 0267-6192

U.S. Copyright Clearance Center Code: 0267-6192/88/040189-10$03.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Theoretical (T)

Abstract: In recent years, the use of facsimile transmission in distributed information systems has become very common in order to reduce transmission time and cost. In view of this trend, a system model is presented for facsimile transmission for a few users in a resource-sharing mode. The secondary memory of the mini/microcomputer included in the model is analysed with facsimile **data** having uniformly **distributed** interarrival times, constant service-time, synchronous transmission, and single- **server** interruption through a **first** -order Markov process. A general method of calculating the facsimile data arrival expression at the secondary memory, and a simple solution to find finite-size secondary memory content probabilities, are presented. Finite and infinite-size secondary memory performance is studied and some of the computed results are graphically portrayed for the distributed information system designer's use as guidelines. (23 Refs)

Subfile: B C

Descriptors: distributed processing; facsimile; Markov processes; queueing theory

Identifiers: secondary memory analysis; minicomputer; microcomputer; resource-sharing distributed information systems; facsimile transmission; system model; resource-sharing mode; synchronous transmission; single-server interruption; first-order Markov process

Class Codes: B6210H (Facsimile transmission); B0240C (Queueing theory); C5620 (Computer networks and techniques); C1140C (Queueing theory)

Search Performed by Sylvia Keys 11-Aug-04

11/5/21 (Item 19 from file: 2)
DIALOG(R)File 2:INSPEC

02910253 INSPEC Abstract Number: C87041112
Title: Shared mini/microcomputer memory performance at remote computer network nodes in large scale distributed computing systems
Author(s): Reddi, A.V.
Author Affiliation: Dept. of Comput. Sci. & Eng., Indian Inst. of Technol., Bombay, India
Journal: Microprocessing & Microprogramming vol.19, no.2 p.143-52
Publication Date: Feb. 1987 Country of Publication: Netherlands
CODEN: MMICDT ISSN: 0165-6074
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: With the growth of large scale parallel and distributed computing systems, it has become very common to use teletypewriter and display terminals at remote nodes. A remote system model for sharing of information transmission facilities along with regular users in a resource sharing mode is presented. The large memory performance of a mini/microcomputer included in the model is analysed for synchronous **transmission** of teletypewriter and **display** terminals **data** , constant service times and single **server** interruption, through a **first** -order Markov process. The application of this model is illustrated by an example. Considering the significant importance of the given example in present and future systems, the large memory performance of the mini/microcomputer presented is studied in terms of average queueing delay. Some of the computed values are graphically portrayed and some are tabulated for the use of the large scale parallel and distributed computing systems designers. (22 Refs)
Subfile: C
Descriptors: computer networks; distributed processing; large-scale systems; microcomputer applications; parallel processing
Identifiers: shared mini/microcomputer memory performance; remote computer network nodes; large scale distributed computing systems; teletypewriter; display terminals; synchronous transmission; single server interruption; first-order Markov process; average queueing delay
Class Codes: C5440 (Multiprocessor systems and techniques); C5620 (Computer networks and techniques)

11/5/22 (Item 20 from file: 2)
DIALOG(R)File 2:INSPEC

02782949 INSPEC Abstract Number: B87002664, C87000243
Title: Terminal buffer memory analysis in resource sharing local computer networks
Author(s): Reddi, A.V.
Author Affiliation: Dept. of Comput. Sci. & Eng., Indian Inst. of Technol., Bombay, India
Journal: Computers & Electrical Engineering vol.12, no.1-2 p.39-49
Publication Date: 1986 Country of Publication: USA
CODEN: CPEEBQ ISSN: 0045-7906
U.S. Copyright Clearance Center Code: 0045-7906/86$3.00+0.00
Language: English Document Type: Journal Paper (JP)
Treatment: Theoretical (T)
Abstract: Store-and-forward buffer (buffer memory) at a remote terminal in a resource sharing local computer network of a few users is modeled as a

close realistic single server queueing model with finite size, Erlang arrival **data** packets, constant service time, synchronous **transmission** , and a single **server** interruption through a **first** -order Markov process. A closed expression for the Erland arrival data packets is derived from the fundamentals without using the usual stage method concept. A simple solution which was not presented previously is also developed to calculate the steady-state buffer content probabilities. Finally, an application of the above model is suggested, and then the terminal buffer memory performance is studied in terms of overflow probability and expected queueing delay for various values of traffic intensity, buffer memory length, and Erlang parameter, and some of the computed values are portrayed in graphs. (25 Refs)

Subfile: B C

Descriptors: buffer storage; local area networks; queueing theory

Identifiers: terminal buffer memory analysis; resource sharing local computer networks; remote terminal; single server queueing model; Erlang arrival data packets; constant service time; synchronous transmission; single server interruption; first-order Markov process; closed expression; steady-state buffer content probabilities; terminal buffer memory performance; overflow probability; expected queueing delay; traffic intensity; buffer memory length; Erlang parameter

Class Codes: B6150 (Communication switching theory); B6210L (Computer communications); C1140C (Queueing theory); C5320G (Semiconductor storage); C5620L (Local area networks)

11/5/23 (Item 21 from file: 2)

DIALOG(R)File 2:INSPEC

02740307 INSPEC Abstract Number: B86057837, C86047930

Title: EEPROM offers enhanced page mode for fast programming

Author(s): Parker, C.; Shamshirian, M.; Ching Jeng

Journal: New Electronics vol.19, no.9 p.48, 50, 52

Publication Date: 29 April 1986 Country of Publication: UK

CODEN: NWELAC ISSN: 0047-9624

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R); Experimental (X)

Abstract: Two problems are apparent with existing methods of implementing **page** mode. **First** , the **page** size and timing varies between manufacturers, and secondly, the specifications limit the user's ability to utilise the full page size and to maximise the system **data transfer** rate. Both fast and slow microprocessors can be adversely affected by today's page write implementations. The CMOS 28C256 256K EEPROM has been designed to overcome these problems while maintaining compatibility with existing EEPROMs, both page, and nonpage parts. A special extended page mode feature maintains compatibility with fast and slow microprocessors. The 28C256 is manufactured by Seeq using the company's 1.25 mu m CMOS process. Its endurance is specified at 10000 cycles per byte and is typically one million cycles per byte. This is accomplished using a proprietary oxynitride EEPROM process and the 'Q-cell' design. While the page mode allows up to a factor of 64 reduction in programming time, the byte write time is reduced by a factor of four over previous standard 10 ms byte write products. (0 Refs)

Subfile: B C

Descriptors: CMOS integrated circuits; integrated memory circuits; PROM

Identifiers: Seeq; fast programming; CMOS; 28C256; 256K EEPROM; compatibility; extended page mode; endurance; Q-cell; reduction in programming time; byte write time

Class Codes: B1265D (Memory circuits); B2570D (CMOS integrated circuits); C5320G (Semiconductor storage)

11/5/24 (Item 22 from file: 2)
DIALOG(R)File 2:INSPEC

02354712 INSPEC Abstract Number: C85002500
Title: Shared memory performance of multi-computer terminals in distributed information systems
Author(s): Reddi, A.V.
Author Affiliation: Dept. of Comput. Sci. & Eng., Indian Inst. of Technol., Bombay, India
Journal: Information Processing & Management vol.20, no.4 p.535-45
Publication Date: 1984 Country of Publication: UK
CODEN: IPMADK ISSN: 0306-4573
U.S. Copyright Clearance Center Code: 0306-4573/84$3.00+.00
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P); Theoretical (T)
Abstract: Use of display and picture-phone terminals will become very common in the near future in distributed information systems. A system model is presented for **transmission** of input **data** which is coming from the terminals of users in a limited user resource-sharing environment. The system is assumed to be receiving a mixture of picture-phone terminal **data** having uniformly **distributed** interarrival times and **display** terminal **data** having geometrically- **distributed** length and Poisson-distributed arrivals. With this type of input data, the performance of a mini/microcomputer with a large memory is analyzed with constant service times, synchronous transmission and single **server** interruptions through a **first** -order Markov process. A closed form expression for the input data arrivals is derived. A simple solution to find the memory content probability, and a simple and closed form expression for average queueing delay experienced by the input data is presented. The memory performance is studied and some of the computed values are graphically portrayed to help as guidelines for study of the delay performance of user terminals in a distributed information system. (16 Refs)
Subfile: C
Descriptors: distributed processing; interactive terminals
Identifiers: shared memory performance; multicomputer terminals; input **data transmission** ; distributed information systems; picture-phone terminals; system model; limited user resource-sharing environment; uniformly distributed interarrival times; **display** terminal **data** ; geometrically-distributed length; Poisson-distributed arrivals; constant service times; synchronous transmission; single server interruptions; first-order Markov process; memory content probability; queueing delay
Class Codes: C5540 (Terminals and graphic displays); C5620L (Local area networks)

11/5/25 (Item 23 from file: 2)
DIALOG(R)File 2:INSPEC

02270394 INSPEC Abstract Number: C84030280
Title: Shared-memory performance of multiple computer terminals in parallel distributed information-processing systems
Author(s): Reddi, A.V.
Author Affiliation: Dept. of Computer Sci. & Engng., Indian Inst. of Technol., Bombay, India
Journal: Computer Performance vol.5, no.1 p.55-63
Publication Date: March 1984 Country of Publication: UK

CODEN: COPED8 ISSN: 0143-9642
U.S. Copyright Clearance Center Code: 0143-9642/84/010055-09$03.00
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P); Theoretical (T)
Abstract: A system model for **transmission** of computer user's **data** with a finite number of regular users in a resource-sharing mode in parallel distributed information-processing systems is considered. The mini/microcomputer included in the system model is considered to be receiving the mixed arrival data of the user from a picture-phone terminal with uniformly- **distributed data** arrivals and a teletypewriter terminal with Erlang- **distributed data** arrivals. The large-memory performance of the mini/microcomputer is analysed with the mixed input **data** , constant service-times, synchronous **transmission** and single **server** interruption through a **first** -order Markov process. A simple and general approach to calculate the data arrivals from picture-phone and teletypewriter terminals and their mixed data arrivals is presented. Expressions for memory content probability and average queueing delay are derived. The application of the model is illustrated by presenting an integrated voice-data system as an example. (14 Refs)
Subfile: C
Descriptors: distributed processing; interactive terminals; Markov processes; parallel processing; queueing theory
Identifiers: shared memory performance; minicomputers; microcomputers; multiple computer terminals; parallel distributed information-processing systems; resource-sharing mode; picture-phone terminal; teletypewriter terminal; Erlang- **distributed data** arrivals; first-order Markov process; average queueing delay
Class Codes: C5220 (Computer architecture); C5540 (Terminals and graphic displays)

11/5/26 (Item 24 from file: 2)
DIALOG(R)File 2:INSPEC

02241169 INSPEC Abstract Number: B84026479, C84022087
Title: Memory performance for facsimile data transmission **at remote computer network nodes in office information systems**
Author(s): Reddi, A.V.
Author Affiliation: Dept. of Computer Sci. & Engng., Indian Inst. of Technol., Bombay, India
Conference Title: Proceedings of the Computer Networking Symposium p. 81-8
Publisher: IEEE Comput. Soc. Press, Silver Spring, MD, USA
Publication Date: 1984 Country of Publication: USA iv+147 pp.
ISBN: 0 8186 0512 X
U.S. Copyright Clearance Center Code: CH1981-0/83/0000/0081$01.00
Conference Sponsor: IEEE; Inst. Comput. Sci. & Technol.; NBS
Conference Date: 13 Dec. 1983 Conference Location: Silver Spring, MD, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Theoretical (T)
Abstract: The author considers remote computer network nodes in office information systems for **transmission** of facsimile (picture or image) **data** packets through telephone **transmission** lines in a finite-user resource-sharing mode. The large memory performance of the mini/microcomputer included in the system model is studied for synchronous **transmission** of facsimile **data** packets with uniformly **distributed** interarrival times, constant service-times and single **server** interruption through a **first** -order Markov process. The computed results

are graphically portrayed to provide guidelines for office information system designers. (31 Refs)
Subfile: B C B
Descriptors: computer networks; digital storage; facsimile; office automation; statistical analysis
Identifiers: remote nodes; minicomputer; facsimile **data transmission** ; computer network; office information systems; memory performance; microcomputer; synchronous transmission; uniformly distributed interarrival times; constant service-times; single server interruption; first-order Markov process
Class Codes: B0240Z (Other and miscellaneous); B6210L (Computer communications); C1140Z (Other and miscellaneous); C5380 (Other aspects of storage devices and techniques); C5620 (Computer networks and techniques); C7100 (Business and administration); B6210H (Facsimile transmission)

11/5/27 (Item 25 from file: 2)
DIALOG(R)File 2:INSPEC

01753367 INSPEC Abstract Number: C81032337
Title: A symmetrical exponential open queue network with blocking and feedback
Author(s): Perros, H.G.
Author Affiliation: Dept. of Quantitative Methods, Univ. of Illinois, Chicago, IL, USA
Journal: IEEE Transactions on Software Engineering vol.SE-7, no.4 p.395-402
Publication Date: July 1981 Country of Publication: USA
CODEN: IESEDJ ISSN: 0098-5589
Language: English Document Type: Journal Paper (JP)
Treatment: Theoretical (T)
Abstract: The exponential open queue network model studied here consists of n symmetrical queues in parallel served by independent **first** -level **servers** in tandem with a second-level server. Blocking of the flow of units through a **first** -level **server** occurs each time the server completes a service. The server remains blocked until its blocking unit completes its service at the second-level server. An approximate expression of the probability distribution of the number of blocked **first** -level **servers** conditioned upon a service completion of a **first** -level **server** is obtained. This expression compares well with simulation **data** . Based on this **distribution** , an approximate expression of the queue-length probability distribution is derived assuming a processor-sharing type of service. The exact condition for stability of the queue network is also derived. Some potential applications are discussed, and a quantitative evaluation of the mode is given through a case study. (12 Refs)
Subfile: C
Descriptors: computation theory; queueing theory
Identifiers: symmetrical exponential open queue network; blocking; feedback; servers; probability distribution; nonlinear programming; FIFO; computer metatheory
Class Codes: C1140C (Queueing theory); C4290 (Other computer theory)

11/5/28 (Item 26 from file: 2)
DIALOG(R)File 2:INSPEC

01170571 INSPEC Abstract Number: C78006905
Title: An on-off single server queueing model with finite waiting room and

its application to computer communications
Author(s): Kekre, H.B.; Saxena, C.L.
Author Affiliation: Computer Centre, IIT, Bombay, India
Journal: Computers & Electrical Engineering vol.4, no.4 p.309-21
Publication Date: Dec. 1977 Country of Publication: USA
CODEN: CPEEBQ ISSN: 0045-7906
Language: English Document Type: Journal Paper (JP)
Treatment: Applications (A); Theoretical (T)
Abstract: A queueing model with finite waiting room, Poisson arrivals constant service time, synchronous transmission and a single **server** interrupted through a **first** -order Markov process is studied. The buffer's access to a channel, **transmitting data** at a field rate is controlled by a switch which in turn is controlled through a first-order Markov process. The relationships among overflow probabilities, buffer size and expected queueing delay due to buffering are obtained. A recursive method for computation of steady-state probabilities of the buffer states is developed. The system of multiplexing data in analog speech signals on telephone lines is considered as an application of the model studied. The results of this study are portrayed on graphs and may be used as the guide lines for the buffer design in digital systems. The system of multiplexing data in analog speech signals using this model, is simulated on the EC-1030 computer to check the validity of the analytical results. Simulation results are also portrayed on the graphs for comparison. (18 Refs)
Subfile: C
Descriptors: data communication systems; multiplexing; queueing theory
Identifiers: single server queueing model; waiting room; computer communications; queueing model; Poisson arrivals; single server; Markov process; overflow probabilities; buffer size; multiplexing data; analogue speech
Class Codes: C1140C (Queueing theory); C5600 (Data communication equipment and techniques)

11/5/29 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01691292 ORDER NO: AAD99-20539
DESIGN AND PERFORMANCE EVALUATION OF NEW I/O ARCHITECTURES (STORAGE SYSTEMS, CACHE)
Author: HU, YIMING
Degree: PH.D.
Year: 1998
Corporate Source/Institution: UNIVERSITY OF RHODE ISLAND (0186)
Adviser: QING YANG
Source: VOLUME 60/02-B OF DISSERTATION ABSTRACTS INTERNATIONAL. PAGE 765. 136 PAGES
Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL ; COMPUTER SCIENCE
Descriptor Codes: 0544; 0984

This thesis comprises of an in-depth investigation on issues related to high performance I/O architectures, including I/O caching, disk architectures as well as web **servers** .

The **first** part of this thesis presents a novel high-performance, low-cost disk architecture called DCD, Disk Caching Disk. DCD consists of a three-level storage hierarchy: a RAM buffer and a log disk and a data disk. Trace-driven simulation of DCD under the office/engineering workload demonstrates up to two orders of magnitude performance improvement for small writes when compared to existing disk systems. Furthermore, DCD is very reliable, and works in device or device driver level. As a result, it

can be applied directly to current file systems without the need of changing underlying operation systems.

The second part of this thesis presents a new cache architecture called RAPID-Cache for Redundant, Asymmetrically Parallel, and Inexpensive Disk Cache. RAPID-Cache is a highly-reliable and inexpensive write cache for high-performance storage systems. A typical RAPID-Cache consists of two redundant write buffers on top of a disk system. One of the buffers is a primary cache made of RAM or NVRAM and the other is a backup cache containing a two level hierarchy: a small NVRAM buffer on top of a log disk. Our analysis and trace-driven simulation results show that the RAPID-Cache has significant reliability/cost advantages over conventional single NVRAM write caches and has great cost advantages over dual-copy NVRAM caches.

The third part of this thesis presents an in-depth study on I/O issues related to the Apache web server. Very few results have been published that quantitatively study the server behavior. Using standard benchmarks and several OS kernel tracing facilities, we quantitatively identified the server performance bottlenecks. We then proposed and implemented 7 techniques that improve the performance of Apache by 61%. Finally, our results suggest that operating system support for directly **sending data** from the file system cache to the TCP/IP network can further improve the Web server performance dramatically.

11/5/30 (Item 2 from file: 35)

01511962 ORDER NO: AAD96-35903

PROTOCOLS FOR ACHIEVING CONSISTENCY AND RELIABILITY IN REPLICATED DATABASE SYSTEMS THAT UTILIZE ASYNCHRONOUS UPDATES

Author: CHUNDI, PARVATHI

Degree: PH.D.
Year: 1996
Corporate Source/Institution: STATE UNIVERSITY OF NEW YORK AT ALBANY (0668)
Source: VOLUME 57/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL. PAGE 3840. 178 PAGES
Descriptors: COMPUTER SCIENCE
Descriptor Codes: 0984

Replication is used in distributed systems to achieve an acceptable level of availability and fault-tolerance. This thesis investigates the use of asynchronous updates (or deferred updates) to ensure replica consistency in distributed systems. The thesis consists of two parts. In the first part, we focus on the issue of consistency in a replicated database system that uses asynchronous updates to maintain replica consistency. In the second part, we focused on the primary-backup approach where asynchronous updates are used to ensure consistency of a fault-tolerant service.

To attain higher transaction throughput, several commercial distributed database systems support deferred update protocols for ensuring replica consistency. In the primary copy deferred update approach, each replicated data item is assigned a primary copy site. Typically, a transaction explicitly updates only the primary copy of each data item: the updates to other copies are deferred until after the transaction commits. After a transaction commits, its updates to primary copies are sent transactionally to the other sites containing secondary copies. We investigate the transaction model underlying the primary copy approach, focusing on when it guarantees serializable global histories. We identify and formalize protocols that implement this approach and obtain a tight characterization of global serializability based on the topology of **data**

distribution . We use this characterization to develop a polynomial time algorithm for the problem of assigning primary sites to data items so that the resulting **data distribution** topology ensures serializability. We also present an efficient algorithm that (if possible) assigns transactions to sites and selects primary sites for data items, such that the resulting topology ensures serializability and each transaction is assigned to a site where all its access can be satisfied.

In the second part of this thesis, we develop new primary-backup protocols that are minimal with respect to degree of replication. In the primary-backup approach, a fault-tolerant service is implemented using a collection of servers. One of the servers functions as the primary while the others function as backups. Clients send their service request to the primary. When the primary fails, one of the backups takes over as the primary. We consider the primary-backup approach under a model in which the clients play an active role when their service requests ar not fulfilled. Each client maintains an ordered list of servers and sends its service requests to the **first server** in its list. If the server does not respond within a specified timeout period, the client retransmits the request to the next server in its list. Under this active client model, we construct protocols that tolerate crash failures, send-omission and receive-omission failures. For each type of failure, our protocols tolerate up to f server failures using only f + 1 servers. In addition, these protocols tolerate an arbitrary number of client failures. Further, the protocols ensure that the service provided by the system is functionally equivalent to that provided by a single failure-free server.

11/5/31 (Item 3 from file: 35)

01492312 ORDER NO: AADAA-I9622791

A SYNCHRONIZATION FRAMEWORK FOR NETWORKED MULTIMEDIA SERVICES (RESOURCE RESERVATION, SCHEDULING)

Author: WOO, MIAE
Degree: PH.D.
Year: 1995
Corporate Source/Institution: PURDUE UNIVERSITY (0183)
Major Professor: ARIF GHAFOOR
Source: VOLUME 57/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 2047. 113 PAGES
Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL ; ENGINEERING, SYSTEM SCIENCE ; INFORMATION SCIENCE
Descriptor Codes: 0544; 0790; 0723

In this thesis, a general communication framework for synchronous delivery of pre-orchestrated/stored multimedia documents in networked environments is presented. The proposed model captures the synchronization requirements among temporally related multimedia objects, and is used to design two types of synchronization schemes. The **first** scheme uses a **server** -based scheduling mechanism which is suitable for networks with static resource reservation policies. The second scheme employs a dynamic control mechanism for bandwidth allocation in order to satisfy time-varying throughput requirements of multimedia connections.

In the first scheme, the optimal number of channels to **transfer** multimedia **data** is calculated. Synchronization in a channel-deficient system using scheduling at the server is shown to be an NP-hard problem. Subsequently, two heuristic algorithms with time complexity O(n log nm + nm), where n is the number of **data** units to **transmit** and m is the number of channels available, are proposed. Extensive simulations are used

to analyze the performance of these algorithms. For the dynamic control scheme, the focus is on mobile communication environments. In the scheme, RF bandwidth allocation based on a fair policy for all users is formulated as a quadratic programming problem which can be solved in polynomial time. The low computational complexity is desirable because channels require real-time allocation due to highly dynamic **data transmission** requirements of multimedia applications. Although this scheme applies to mobile environments, it can be extended to incorporate resource management at different nodes in a land-based network system.

11/5/32 (Item 4 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01339486 ORDER NO: AAD94-09123
METHODOLOGY FOR MODELING HIGH-PERFORMANCE DISTRIBUTED AND PARALLEL SYSTEMS (DISTRIBUTED SYSTEMS)
Author: KUSHWAHA, RAKESH
Degree: PH.D.
Year: 1993
Corporate Source/Institution: NEW JERSEY INSTITUTE OF TECHNOLOGY (0152)
Adviser: EROL GELENBE
Source: VOLUME 54/10-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 5262. 170 PAGES
Descriptors: COMPUTER SCIENCE
Descriptor Codes: 0984

Performance modeling of distributed and parallel systems is of considerable importance to the high performance computing community. To achieve high performance, proper task or process assignment and data or file allocation among processing sites is essential. This dissertation describes an elegant approach to model distributed and parallel systems, which combines the optimal static solutions for data allocation with dynamic policies for task assignment. A performance-efficient system model is developed using analytical tools and techniques.

The system model is accomplished in three steps. **First** , the basic client- **server** model which allows only **data transfer** is evaluated. A prediction and evaluation method is developed to examine the system behavior and estimate performance measures. The method is based on known product form queueing networks. The next step extends the model so that each site of the system behaves as both client and server. A data-allocation strategy is designed at this stage which optimally assigns the data to the processing sites. The strategy is based on flow deviation technique in queueing models. The third stage considers process-migration policies. A novel on-line adaptive load-balancing algorithm is proposed which dynamically migrates processes and **transfers data** among different sites to minimize the job execution cost. The gradient-descent rule is used to optimize the cost function, which expresses the cost of process execution at different processing sites.

The accuracy of the prediction method and the effectiveness of the analytical techniques is established by the simulations. The modeling procedure described here is general and applicable to any message-passing distributed and parallel system. The proposed techniques and tools can be easily utilized in other related areas such as networking and operating systems. This work contributes significantly towards the design of distributed and parallel systems where performance is critical.

11/5/33 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00683450 03SR03-046
SmoothWall Corporate Server with SmoothGuardian
Hinton, Craig
SC/Info Security News Magazine , March 1, 2003 , v14 n3 p75, 1 Page(s)
ISSN: 1096-7974
Company Name: SmoothWall
URL: http://www.smoothwall.ltd.uk
Product Name: Corporate Server with SmoothGuardian
Languages: English
Document Type: Software Review
Grade (of Product Reviewed): A
Geographic Location: United States

Presents a very favorable review of the Smoothwall Corporate Server with SmoothGuardian ($1,000), Internet security tool from SmoothWall. Explains that it is an extremely effective way of turning a PC into a dedicated hardware firewall sitting on its own hardened operating system. Cites small footprint; multi-layered content filtering; excellent set of PDF manuals; ability to block blacklisted URLs, domains and IP addresses; performance of a MIME and a PICS check on the Web site to see if there is any harmful **content** being **downloaded** ; and the use of a threshold method to gauge the suitability of a Web page. Mentions, however, that it needs Corporate **Server** to be installed **first** . Concludes that it offers excellent value for money. On a scale of 1 to 5, received a rating of 5. Includes a photo. (EPE)

Descriptors: Web Tools; Security Measures; Filtering; Online Systems; Network Security; Online Services; Security
Identifiers: Corporate Server with SmoothGuardian; SmoothWall

11/5/34 (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00624018 01SO03-008
Info in an instant -- Downloads **that provide relevant** data **in a hurry**
Flamig, Blaine
Smart Computing in Plain English , March 1, 2001 , v12 n3 p46-47, 2 Page(s)
ISSN: 1093-4170
Languages: English
Document Type: Articles, News & Columns
Geographic Location: United States

Discusses more focused search engines available on the Web. Reports that on the Internet, search engines are the highways most people travel to get the information they need. Says there are several applications that can offer relevant information without needing to search through millions of Web **pages first** . Highlights Alexa, which delivers information in an unobtrusive manner; Atomica and flyswat, which both offer the ability to instantly find more information on any word on any Web page being viewed; Copernic 2000, which accesses a large number of search engines simultaneously; FirstClassSites, which stores a directory of URLs and updates them thoroughly on a regular basis; and the Google Toolbar, which allows the user to tap into Google's abilities from any Web page. Notes these are all excellent companions and alternatives for finding **data** . Includes one screen **display** . (SPL)

Descriptors: Search Engines; Online Searching; Online Information; Web Sites

11/5/35 (Item 3 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00537932 99PK06-220
Marimba tunes Castanet with DocService publishing system
Degnan, Christa
PC Week , June 21, 1999 , v16 n25 p31, 1 Page(s)
ISSN: 0740-1604
Company Name: Marimba
Product Name: DocServer
Languages: English
Document Type: Product Announcement
Geographic Location: United States
Announces that Marimba Inc.(650), developer of the Internet-based Castanet application and **content distribution** technology, is unveiling DocService, ($100 per DocService client and $1,000 per DocService **server**) the **first** offering built on top of the platform. Says it provides document creators with one-step parallel publishing to multiple targeted recipient lists and Web servers. Adds that it automates targeted document delivery across intranets, extranets, and the Internet, featuring bandwidth-efficient delivery of documents to recipients. Notes that DocService monitors documents and compares the current and previous document versions to determine what changed, then compresses a changes-only update and transmits it to the client to minimize network traffic and user download times. Says DocService also tags urgent documents with alert mechanisms and specifies the level of security required in document transmission. Includes one screen display. (CT)
Descriptors: Document Delivery; Document Management System; Distribution; Publishing; Bandwidth; Security
Identifiers: DocServer; Marimba

11/5/36 (Item 4 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00264749 92PI01-126
WinFax Pro -- The Best of 1991
Poor, Alfred
PC Magazine , January 14, 1992 , v11 n1 p168, 1 Page(s)
ISSN: 0888-8507
Company Name: Delrina Technology
Product Name: WinFax Pro
Languages: English
Document Type: Software Review
Grade (of Product Reviewed): A
Hardware/Software Compatibility: Microsoft Windows; IBM PC AT Compatible
Geographic Location: United States
Presents a very favorable review of WinFax Pro ($119), a Microsoft Windows fax-transmission program from Delrina Technology Inc. of San Jose, CA (800). Requires Microsoft Windows 3.0 as well as compatible fax modem for operation; says that WinFax Pro supports Class 2 and CAS-compatible fax modems among others. Features include mail-merge letters, network fax-server support, rotating pages in assembling faxes to send or viewing those to be received, custom letterheads and logos as well as ad hoc messaging on cover **pages** . **First** reviewed in **page** 58 of the issue dated December 17, 1991, WinFax Pro, which enables users to send Windows

print output through fax modem, can assemble documents from multiple applications, maintain phone books and fax phone listings as well as schedule faxes for delayed sending. Includes a sample display. (PAM)
Descriptors: Facsimile; **Data Transmission** ; Window Software; Software Review; Consumer Information
Identifiers: WinFax Pro; Delrina Technology

11/5/37 (Item 5 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00220740 90PK07-228
New DEC options recast VAX models as LAN servers
Musich, Paula
PC WEEK , July 16, 1990 , v7 n28 p37, 40, 2 Pages
ISSN: 0740-1604
Languages: English
Document Type: Product Announcement
Geographic Location: United States
Reports that Digital Equipment Corp. has announced several options for its **first** network **server** , the VAX 4000 Model 300. Says DEC has has announced the following network applications: VAX/VMS Database Server; Enterprise Messaging Server; All-In-1 Mail Server; All-In-1 Integrated Office System Server; VAX Vector Commute Server; and InfoServer 100. Notes that prices of the packages range from $31,500 to $725,400 and that all are already available except for the InfoServer 100. Says that DEC has also released a slew of Fiber **Distributed Data** Interface (FDDI) products, among them an Ethernet-to-FDDI bridge ($25,00), a wiring concentrator ($15,000) and a DECstation 5000 controller. (asl)
Descriptors: Network Server; Software; Bridge; Product Development; DEC; Telecommunications
Identifiers: Digital Equipment Corp.

11/5/38 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

06586257
Compaq ships new servers
PHILIPPINES: PROLIANT SERVERS SHIPPED BY COMPAQ
Computerworld Philippines (AKA) 15 Feb 1998 P.2
Language: ENGLISH

The **first** ProLiant **servers** have been shipped by Compaq Computer Asia in the Philippines. The ProLiant servers feature the Highly Parallel System Architecture (HPSA). HPSA is a standard-based design that doubles Peripheral Component Interconnect I/O bandwidth and memory. The design utilises dual-peer PCI buses and dual memory controllers, that **transfers** in parallel the **data** between each CPU and crucial subsystems. The ProLiant servers that will carry the HPSA include the ProLiant 5500, 3000 and 1600 servers. Compaq also launched the ProLiant 1200 server. The 4 servers comes bundled with the following: - 3-year pre-failure warranty on processors, memory and hard drives - Compaq Integrated Remote Console and Smart Start version 3.5 - Hot Plug Redundant Power Supplies - hot plug disk drives - redundant NICs

COMPANY: COMPAQ COMPUTER ASIA
PRODUCT: Minicomputers (3573MN);

EVENT: Plant/Facilities/Equipment (44);
COUNTRY: Philippines (9PHI); United States (1USA);

11/5/39 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

06054139
Motorola Flex now in mainland China
CHINA: MOTOROLA - **1ST** CO TO LAUNCH **PAGER** GOODS
The China Post (XKV) 28 Sep 1994 p.11
Language: ENGLISH

In China, Motorola Paging Products Group has become the first company to provide paging equipment in mainland China by receiving USD 1 mn worth of Flex paging equipment order from BTA, a Chinese company owned by China's Ministry of Postal and Telecommunications. Meanwhile, BTA has owned 50% share of the Beijing paging market and becomes one of the largest paging services providers in the mainland China. The equipment ordered by BTA includes MPS 20000 terminals, C-NET control point equipment, and nucleus paging stations. All of these equipment will be installed by the end of 1994. In comparison with the current paging system, POCSAG, Flex provides higher speed, up to 6,400 bps, for **transferring data** . *

COMPANY: BTA; MOTOROLA PAGING PRODUCTS GROUP

PRODUCT: Telecommunications Equipment (3661); Mobile Communications Equipment (3662MB);
EVENT: Companies Activities (10);
COUNTRY: China (9CHN); United States (1USA);

11/5/40 (Item 3 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

05430644
xxx
ITALY - OLIVETTI CHASING 5% TO 10% MARKET SHARE
Computergram International (CGI) 6 November 1992 p4
ISSN: 0268-716X

Ing C Olivetti is chasing 5% to 10% market share with its new PG400 series of laser printers - the PG404 for personal users, PG408 for workgroups and PG417 for departmental networks: according to the company, the series includes the fastest controller available, multi-emulation compatibility with Hewlett-Packard, Epson and IBM, the Microsoft True Image standard and economy features that reduce toner consumption by 50%; the PG404 and PG408 have 32-bit 25MHz microprocessors offering **data transfer** rates of 100Kbps, and a macro facility that stores forms, fonts and logos; the PG404 has a **first page** print speed of 34 seconds; the PG417 is a 17 page-per-minute printer that can be connected to a network via Token Ring or Ethernet interfaces; it has two 250 sheet feeders, duplex printing, supplementary 1500 sheet feeder, 1500 sheet stacker, 10-bin mailbox sorter and automatic multi-purpose feeder for envelopes, slides and thicker paper; all models are available through Olivetti and its dealers, starting at GBP700.*
COMPANY: OLIVETTI

PRODUCT: Laser Printers (3573LP);

EVENT: MARKET SHARE (60); NEW PRODUCT EXTENSION (33);
COUNTRY: Italy (4ITA); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420);

11/5/41 (Item 4 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

05206455
Here Come The HR Client/Server Systems!
US - PEOPLE SOFT DEVELOPS CLIENT/SERVER BASED HR SYSTEM
Datamation (DTN) 1 July 1992 p37,38+
ISSN: 0011-6963

People Soft (Walnut Creek, CA) is one of several companies delivering products which combine graphics and **data - display** abilities of PCs with LAN server or mainframe power. The PS/HRMS is one of the market's **first** client/ **server** -based human resources (HR) system. Article discusses developments in the human resources systems, including details of PC-based applications being developed by Tesseract (San Francisco, CA) and Integral (Walnut Creek, CA); and the application by Chevron (San Remon, CA) of a Tesseract HR system.

COMPANY: PEOPLE SOFT; TESSERACT; INTEGRAL; CHEVRON

PRODUCT: Human Resources Management Software (7372HR); Computer Software (7372); Computer Software (COSW);
EVENT: MARKET & INDUSTRY NEWS (60); NEW PRODUCT DEVELOPMENT (33);
COUNTRY: United States (1USA); NATO Countries (420); South East Asia Treaty Organisation (913);

11/5/42 (Item 5 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

02042426
NCA DEVELOPS VALUE ADDED PAGING APPLICATIONS
US - NCA DEVELOPS VALUE ADDED PAGING APPLICATIONS
Communications (COM) 0 July 1988 p30

NCA designed the Newspager, a value-added paging device which is produced by Uniden. A 6-page article discusses the product and the background to its design. It has 80k characters of memory separated into 10 databases which are then subdivided also. Users of the handheld **data transmission** receiver can access the databases. Other value-added pages on the market have to wait for data to come across the screen. NCA believes the first databases will be available by end 1988 and these will have real-time financial and sports information, major news stories and newspapers and future databases will provide travel, weather, entertainment and communications information according to demand. The **first** 200 **pages** are to be manufactured by late autumn 1988.

PRODUCT: Mobile Communications Equipment (3662MB); Mobile Communications Svcs (4811MC); Paging Services (4838PG);
EVENT: PRODUCTS, PROCESSES & SERVICES (30);
COUNTRY: United States (1USA); NATO Countries (420); South East Asia Treaty Organisation (913);
?

15/5/1 (Item 1 from file: 256)
DIALOG(R)File 256:TecInfoSource

00119735 DOCUMENT TYPE: Review

PRODUCT NAMES: GoSystem RS (736147); Visual Practice Management (665321) ; CCH Internet Tax Research NetWork (714976); ProSeries 1040 (770213); Professional Tax System (565563)

TITLE: Tax Preview: A Peek at Next Year
AUTHOR: Alexander, Antoinette
SOURCE: Accounting Technology, v15 n6 p22(6) Jul 1999
ISSN: 1068-6452
HOMEPAGE: http://www.electronicaccountant.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

RIA's GoSystem Remote Server, CPASoftware's Visual Practice Management, CCH's Tax Research Network, Intuit's Intuit ProSeries 1040, and Tax & Accounting Software's Professional Tax System are among many tax products and resources described for the 1999 tax season. Among platforms supported are Windows, DOS, and the Web. CCH's Tax Research Network will provide global access to ProSystem fx with two available models. The first will be served up from CCH's **servers** , and the **second** will allow customers to store their own data and retrieve it from the Internet or any other communications link. Taxprep.com **sends data** calculated on the vendor's servers to local drives for preparers participating in a pilot program. Visual Practice Management is being integrated with the vendor's tax software, and CCH will link Pacs for Windows and Tax Research Network with ProSystem fx. GoSystem Remote Server is Web-based, and Arthur Andersen may provide a Web-based organizer for the A-Plus-Tax product line. Creative Solutions will provide an electronic file cabinet so that tax preparers can store documents, including e-copies of tax returns and other scannable documents, as files. Creative Solutions has also strengthened UltraTax Planner with eight new states and a generic state. Intuit will add a Tax Planner to ProSeries 1040, and Orrtax has allied with Sage US to provide IntelliTax Client Manager for TeleMagic.

COMPANY NAME: Creative Solutions Inc (497789); CPASoftware (576026); CCH Inc (545147); Intuit Inc (447013)
SPECIAL FEATURE: Charts
DESCRIPTORS: Accountants; DOS; IBM PC & Compatibles; Income Tax; Internet; Tax Planning; Tax Return Preparation; Windows
REVISION DATE: 20040524

15/5/2 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

7948170 INSPEC Abstract Number: C2004-06-3390T-005
Title: Performance evaluation of a distributed telerobotic framework
Author(s): Al-Mouhamed, M.; Toker, O.; Iqbal, A.
Author Affiliation: Coll. of Comput. Sci. & Eng., King Fahd Univ. of Pet. & Miner., Dhahran, Saudi Arabia
Conference Title: Proceedings of the 2003 10th IEEE International Conference on Electronics, Circuits, and Systems (IEEE Cat. No.03EX749)

Part Vol.3 p.1284-7 Vol.3
Publisher: IEEE, Piscataway, NJ, USA
Country of Publication: USA lii+1339 pp.
ISBN: 0 7803 8163 7 Material Identity Number: XX-2004-00925
U.S. Copyright Clearance Center Code: 0-7803-8163-7/03/$17.00
Conference Title: Proceedings of the 2003 10th IEEE International Conference on Electronics, Circuits, and Systems
Conference Sponsor: IEEE; IEEE Circuits and Syst. Soc.; Univ. of Sharjah; Etisalat College of Eng.; Emirates Telecommunications Corp
Conference Date: 14-17 Dec. 2003 Conference Location: Sharjah, United Arab Emirates
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: In this paper we present the performance evaluation of a Distributed Component based Telerobotic Framework that implements a real-time interaction between a telrobotic client and server. The objective is to optimize delays in multistreaming of force feedback, stereo data and master-slave commands. Different scenarios are considered and statistically analyzed to relate the effect of thread manipulation to time delays. Telerobotic components communicate with each other using .NET Remoting and SOAP (Simple Object Access Protocol) that automatically handle the network resources and **data transfer** . This approach significantly reduces the delays over a LAN as we are able to attain a rate of 17-18 stereo frames per **second** from camera(**server**) to remote client over the same LAN. To the best of our knowledge, this is the highest rate achieved over a 100 Mbps LAN. (7 Refs)
Subfile: C
Descriptors: client-server systems; controller area networks; distributed object management; force feedback; multi-threading; telerobotics
Identifiers: distributed telerobotic framework; performance evaluation; real-time interaction; multistreaming; force feedback; stereo data; master-slave commands; simple object access protocol; thread manipulation; time delays; remote client over LAN; multithreading; DCOM design; distributed application programming; PUMA component; client-server framework; 100 Mbit/s
Class Codes: C3390T (Telerobotics); C6150N (Distributed systems software); C7420 (Control engineering computing); C5620L (Local area networks)
Numerical Indexing: bit rate 1.0E+08 bit/s

15/5/3 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

6960748 INSPEC Abstract Number: C2001-08-6160B-001
Title: Application of middleware in the three tier client/server database design methodology
Author(s): Fong, J.; Hul, R.
Journal: Journal of the Brazilian Computer Society vol.6, no.1
Publication URL: http://www.scielo.br/jbcos.htm
Publisher: Soc. Brasileira de Computacao,
Publication Date: 1999 Country of Publication: Brazil
ISSN: 0104-6500
Material Identity Number: H782-2001-001
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: With the popularity of personal computers and powerful workstations, today's users are no longer satisfied with traditional data processing. They demand the easy addition of graphics to applications, putting pressure on system re-engineering. The client-server architecture

is a low risk approach to add a graphical user interface for users. The developer has to determine the **data** and program logic **distribution** between the client, the middleware server, and the top tier server. Middleware links software running on different platforms. It plays an important role in the 3 tier architecture. There are two types of middleware: the first connects client programs to **server** programs, and the **second** provides data access to heterogeneous data sources. The developer needs to separate online transaction processing, project-oriented data processing, and historical data from each other. This paper outlines a methodology to design a 3 tier client server database system. It identifies the role of middleware as temporary storage for better performance, and as a database gateway for DBMS connectivity. Case studies are used for illustration of the steps involved. (14 Refs)

Subfile: C

Descriptors: application program interfaces; client-server systems; distributed databases

Identifiers: middleware; three tier client/server database design methodology; client-server architecture; graphical user interface; middleware server; top tier server; 3 tier architecture; heterogeneous data sources; online transaction processing; project-oriented data processing; historical data

Class Codes: C6160B (Distributed databases); C6150N (Distributed systems software)

15/5/4 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

6552312 INSPEC Abstract Number: C2000-05-6160-023

Title: Independent quantization: an index compression technique for high-dimensional data spaces

Author(s): Berchtold, S.; Bohm, C.; Jagadish, H.V.; Kriegel, H.-P.; Sander, J.

Author Affiliation: STB Software Technol. Beratung GmbH, Augsburg, Germany

Conference Title: Proceedings of 16th International Conference on Data Engineering (Cat. No.00CB37073) p.577-88

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 2000 Country of Publication: USA xxii+703 pp.

ISBN: 0 7695 0506 6 Material Identity Number: XX-2000-00609

U.S. Copyright Clearance Center Code: 0 7695 0506 6/2000/$10.00

Conference Title: Proceedings 16th International Conference on Data Engineering

Conference Sponsor: IEEE Comput. Soc. Tech. Committee on Data Eng

Conference Date: 29 Feb.-3 March 2000 Conference Location: San Diego, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P); Theoretical (T); Experimental (X)

Abstract: Two major approaches have been proposed to efficiently process queries in databases: speeding up the search by using index structures, and speeding up the search by operating on a compressed database, such as a signature file. Both approaches have their limitations: indexing techniques are inefficient in extreme configurations, such as high-dimensional spaces, where even a simple scan may be cheaper than an index-based search. Compression techniques are not very efficient in all other situations. We propose to combine both techniques to search for nearest neighbors in a high-dimensional space. For this purpose, we develop a compressed index, called the IQ-tree, with a three-level structure: the first level is a regular (flat) directory consisting of minimum bounding boxes, the second

level contains data points in a compressed representation, and the third level contains the actual data. We overcome several engineering challenges in constructing an effective index structure of this type. The most significant of these is to decide how much to compress at the second level. Too much compression will lead to many needless expensive accesses to the third level. Too little compression will increase both the storage and the access cost for the first two levels. We develop a cost model and an optimization algorithm based on this cost model that permits an independent determination of the degree of compression for each **second** level **page** to minimize expected query cost. In an experimental evaluation, we demonstrate that the IQ-tree shows a performance that is the "best of both worlds" for a wide range of **data distributions** and dimensionalities. (21 Refs)

Subfile: C

Descriptors: data compression; database indexing; database theory; optimisation; query processing; software performance evaluation; tree data structures

Identifiers: index compression technique; high-dimensional data spaces; query processing; database indexing; searching; database compression; signature file; nearest neighbor search; IQ-tree; directory; minimum bounding boxes; cost model; optimization; experimental evaluation; **data distribution**

Class Codes: C6160 (Database management systems (DBMS)); C6120 (File organisation); C4250 (Database theory); C1180 (Optimisation techniques)

15/5/5 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

6290477 INSPEC Abstract Number: C1999-08-7250N-010

Title: Torture-testing Web servers

Author(s): Stein, L.D.

Journal: WEB Techniques vol.4, no.7 p.67-73

Publisher: Miller Freeman,

Publication Date: July 1999 Country of Publication: USA

CODEN: WETEFA ISSN: 1086-556X

SICI: 1086-556X(199907)4:7L.67:TTS;1-7

Material Identity Number: F184-1999-006

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: A few years ago I wrote a small Perl script called torture.pl whose purpose in life is to inflict pain and suffering on hapless Web servers. It **sends** servers increasing amounts of random **data** at increasingly short intervals until they either crash or slow down to the point of unusability. In other words, the script launches a denial-of-service attack on Web servers. This script has two legitimate functions. First, it can be used to test the speed and responsiveness of a Web **server** . **Second** , the script can be used to test the stability and reliability of a particular Web server. When you use it for performance testing, you can measure the speed and response time of your Web servers, CGI scripts, and other Web enhancements. Although torture.pl is not rigorously normalized for cross-server comparisons the way some benchmarks are, it is good for measuring changes on a single Web server. Worried about the performance impact of a configuration change? Just run the test before and after the change to measure its effects. When used in torture-testing mode, torture.pl **sends** large amounts of **data** to a server, trying to make it crash. If a server, CGI script, module, or template processor cannot handle large amounts of data, then it is not particularly well

written and might even contain security holes. (0 Refs)
Subfile: C
Descriptors: Internet; Perl; search engines; software performance evaluation
Identifiers: Web server torture testing; Perl script; torture.pl; random data; usability; denial-of-service attack; performance testing; response time; CGI scripts; template processor; data security
Class Codes: C7250N (Search engines); C7210N (Information networks)

15/5/6 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC

5882698 INSPEC Abstract Number: C9805-6150N-066
Title: Post-client/server coordination tools
Author(s): Kuhn, E.; Nozicka, G.
Author Affiliation: Inst. of Comput. Languages, Univ. of Technol. Vienna, Austria
Conference Title: Coordination Technology for Collaborative Applications: Organization, Processes, and Agents p.231-53
Editor(s): Conen, W.; Neumann, G.
Publisher: Springer-Verlag, Berlin, Germany
Publication Date: 1998 Country of Publication: Germany viii+282 pp.
ISBN: 3 540 64170 X Material Identity Number: XX96-03155
Conference Title: Proceedings of 1996 Asian Computing Science Conference
Conference Date: 2-5 Dec. 1996 Conference Location: Singapore
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: The exploitation of new application possibilities, like collaboration and cooperation, offered by distributed systems requires advanced coordination support. Traditional tools are based on the message passing paradigm and lead to asymmetric client/server application architectures. The other conceptually superior paradigm uses a virtual shared memory. The development of distributed programs is easier in the latter model and leads to elegant solutions that meet the new possibilities well. We term software support that follows this **second** approach post-client/ **server** tools. CoKe (Coordination Kernel) is a new middleware layer of this new generation. It particularly eases the development of fault-tolerant, **distributed** applications. We discuss why coordinative **data** structures (on virtual shared objects) provide more advantages than the traditional method invocation model (on distributed objects). (18 Refs)
Subfile: C
Descriptors: client-server systems; data structures; groupware; message passing; replicated databases; shared memory systems; software fault tolerance; virtual storage
Identifiers: post-client server coordination tools; collaboration support ; computer supported cooperative work; distributed systems; advanced coordination support; message passing; virtual shared memory; distributed programs; CoKe; Coordination Kernel; middleware; fault-tolerant distributed applications; coordinative data structures; method invocation model; database replication
Class Codes: C6150N (Distributed systems software); C6130G (Groupware); C6120 (File organisation); C6160B (Distributed databases)

15/5/7 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC

5842948 INSPEC Abstract Number: C9804-6160D-002
Title: Performance of the pipelined hash-join algorithm in a heterogeneous distributed environment
Author(s): Khan, Z.S.
Author Affiliation: Dept. of Math. & Comput. Sci., Bloomsburg Univ., PA, USA
Conference Title: Proceedings of the Sixth Euromicro Workshop on Parallel and Distributed Processing - PDP'98 - (Cat. No.98EX134) p.486-91
Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
Publication Date: 1998 Country of Publication: USA xiii+520 pp.
ISBN: 0 8186 8332 5 Material Identity Number: XX98-00234
U.S. Copyright Clearance Center Code: 0 8186 8332 5/98/$10.00
Conference Title: Proceedings of the Sixth Euromicro Workshop on Parallel and Distributed Processing - PDP '98 -
Conference Sponsor: Dept. Electron. Univ. York; Univ. Complutense Madrid
Conference Date: 21-23 Jan. 1998 Conference Location: Madrid, Spain
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: A pipelined distributed parallel hash-join algorithm is executed in a distributed heterogeneous supercomputing environment which consists of the Connection Machine CM2, and the Cray C90. This algorithm implements the computationally intensive join operation of relational databases. The hash and join phases of the algorithm are executed on the architectures determined to be best suited for them. The hash phase of the algorithm is implemented on the Cray C90. The hashed data sets of the first join relation are transmitted from the Cray to the CM2. A pipeline is established between the two machines as the Cray continues to hash each **page** of the **second** join relation and transmits it to the CM2 where the join is performed. Limited improvements in performance of the pipelined algorithm for different combinations of **data** sizes, **data distributions**, and join sizes is analyzed and the limitations of the distributed environment are discussed. (15 Refs)
Subfile: C
Descriptors: file organisation; multiprocessing systems; parallel algorithms; pipeline processing; relational databases; software performance evaluation
Identifiers: pipelined distributed parallel hash-join algorithm performance; distributed heterogeneous supercomputing environment; CM2 Connection Machine; Cray C90; computationally intensive join operation; relational databases; hashed data sets; data sizes; **data distributions**; join sizes
Class Codes: C6160D (Relational databases); C5440 (Multiprocessing systems); C4240P (Parallel programming and algorithm theory); C6120 (File organisation); C6150N (Distributed systems software)

15/5/8 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC

5305005 INSPEC Abstract Number: B9608-6220F-001
Title: JPEG LSI
Author(s): Komoto, E.; Kondo, M.; Nakamura, T.
Author Affiliation: Multimedia LSI Dev. Dept., Oki Electr. Ind. Co. Ltd., Tokyo, Japan
Journal: Oki Technical Review vol.62, no.155 p.25-30
Publisher: Oki Electric Industry,
Publication Date: April 1996 Country of Publication: Japan

CODEN: OTREDF ISSN: 0912-5566
SICI: 0912-5566(199604)62:155L.25:J;1-Y
Material Identity Number: D938-96002
Language: English Document Type: Journal Paper (JP)
Treatment: Applications (A); Practical (P); Experimental (X)
Abstract: We developed a JPEG (Joint Photographic Expert Group) LSI which compresses and decompresses images based on JPEG, the international standard for color still image compression and expansion algorithms. In addition to image compression and decompression, this LSI has color space conversion, and raster/block conversion functions. Cost was decreased by implementing a two-dimensional DCT operation using a one-dimensional DCT configuration. For the processing performance, we used DMA block **transfer** as the compression **data transfer** method to achieve a capability of processing 352*240 frames in 60 **pages / second** . This paper presents an overview of the LSI, the features of its internal architecture and evaluation results. (3 Refs)
Subfile: B
Descriptors: colour; data compression; data handling; digital signal processing chips; discrete cosine transforms; image coding; integrated circuit design; integrated circuit testing; large scale integration; multimedia communication
Identifiers: JPEG LSI; Joint Photographic Expert Group; image compression ; image decompression; JPEG international standard; color still image compression/expansion algorithms; color space conversion; raster/block conversion functions; cost; 2D DCT operation; 1D DCT configuration; processing performance; DMA block transfer; compression **data transfer** ; LSI architecture; multimedia
Class Codes: B6220F (ISDN and multimedia terminal equipment); B6140C (Optical information, image and video signal processing); B2570 (Semiconductor integrated circuits); B0230 (Integral transforms); B1265F (Microprocessors and microcomputers)

15/5/9 (Item 8 from file: 2)
DIALOG(R)File 2:INSPEC

4905749 INSPEC Abstract Number: C9504-6160J-027
Title: Query decomposition in an object-oriented database system distributed on a local area network
Author(s): Bertino, E.
Author Affiliation: Dipartimento di Sci. dell'Inf., Milan Univ., Italy
p.2-9
Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA
Publication Date: 1995 Country of Publication: USA x+156 pp.
ISBN: 0 8186 7056 8
U.S. Copyright Clearance Center Code: 0 8186 7056 8/95/$04.00
Conference Title: Proceedings RIDE-DOM'95. Fifth International Workshop on Research Issues in Data Engineering-Distributed Object Management
Conference Sponsor: IEEE Comput. Soc. Tech. Committee on Data Eng
Conference Date: 6-7 March 1995 Conference Location: Taipei, Taiwan
Language: English Document Type: Conference Paper (PA)
Treatment: Applications (A); Practical (P)
Abstract: Several issues are discussed concerning query processing in the framework of COMANDOS. COMANDOS is an object-oriented system supporting the development of distributed advanced applications. We first summarize the data model and the query language. Then we present the architectural aspects that are relevant for query processing. Finally we describe query decomposition and optimization. Two different strategies for join execution are discussed. The first is based on a distributed execution using

semi-join operations. The second is based on first centralizing all relevant data on a server machine, and then executing all join operations locally at the **server** . The **second** strategy may be useful when the **data** are **distributed** on a large number of nodes which have limited processing power. In this case, it may be more efficient to use a dedicated server machine for query executions. (8 Refs)
Subfile: C
Descriptors: local area networks; object-oriented databases; query languages; query processing
Identifiers: query decomposition; object-oriented database system; local area network; COMANDOS; data model; query language; architectural aspects; join execution; semi-join operations; server machine
Class Codes: C6160J (Object-oriented databases); C6140D (High level languages); C5620L (Local area networks)

15/5/10 (Item 9 from file: 2)
DIALOG(R)File 2:INSPEC

03797913 INSPEC Abstract Number: C91011228
Title: Query processing in an object-oriented distributed DBMS in a LAN environment
Author(s): Bertino, E.; Rosati, S.
Author Affiliation: Istituto di Elaborazione dell'Inf., CNR, Pisa, Italy
Journal: Rivista di Informatica vol.20, no.3 p.221-49
Publication Date: July-Sept. 1990 Country of Publication: Italy
CODEN: RIINDL ISSN: 0390-668X
Language: Italian Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: Discusses several issues concerning query processing in the framework of the COMANDOS architecture. COMANDOS is an object-oriented system aiming to support the development of distributed office applications. The authors first summarize the data model and query language. Then they present the architectural aspects that are relevant for query processing and they focus on the communication and computational model used in executing queries. Finally they describe query decomposition and optimization. Two different strategies for join execution are discussed. The first is based on a distributed execution using semi-join operations. The second strategy is based on first centralizing all relevant data on a server machine, and then executing all join operations locally at the **server** . The **second** strategy may be useful when the **data** are **distributed** on a large number of nodes which have limited processing power, as in the case of user workstations. In this case, it may be more efficient to use a dedicated server machine for query executions. (27 Refs)
Subfile: C
Descriptors: distributed databases; local area networks; network servers; object-oriented programming; office automation; optimisation; query languages
Identifiers: communication model; query optimization; data centralization ; object-oriented distributed DBMS; LAN environment; query processing; COMANDOS architecture; distributed office applications; data model; query language; architectural aspects; computational model; query decomposition; join execution; semi-join operations; server machine; user workstations
Class Codes: C6160D (Relational DBMS); C5620L (Local area networks)

15/5/11 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01803251 ORDER NO: AADAA-I9940563

DESIGN AND IMPLEMENTATION OF A PARALLEL I/O RUNTIME SYSTEM FOR IRREGULAR APPLICATIONS (PARALLEL PROCESSING)

Author: NO, JAECHUN
Degree: PH.D.
Year: 1999
Corporate Source/Institution: SYRACUSE UNIVERSITY (0659)
Adviser: ALOK CHOUDHARY
Source: VOLUME 60/08-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 4060. 155 PAGES
Descriptors: COMPUTER SCIENCE
Descriptor Codes: 0984

Many scientific applications are I/O intensive and have tremendous I/O requirements, including checkpointing, periodically writing snapshots of computations. Especially, large number of these applications exhibits irregular access patterns, where accesses to data are performed through one or more level of indirections.

A typical computation science analysis cycle for these applications involves several steps: mesh generation, domain decomposition, simulation, visualization, archival of data, and adjustment of parameters. Therefore, two main focus must be considered. The first one is to store data set in a canonical form so that other steps can use it easily without having to reorganize. The second one is that, for a restart of computation with different number of processors, data set should be stored independent of number of processors that produced it.

In this dissertation, we present the design, implementation and evaluation of two parallel I/O runtime systems based on collective I/O techniques for irregular applications. The design is motivated by the requirements of a large number of science and engineering applications including teraflops, applications. The first library has been implemented on top of parallel file systems on MPPs. The user application links to the library's client API that issues I/O requests using the I/O commands supported by the parallel file systems. In this library, we designed and implemented two kinds of collective I/O schemes; "Collective I/O" and "Pipelined Collective I/O". In the "Collective I/O", all processors participate in the I/O simultaneously, and in the "Pipelined Collective I/O", I/O is overlapped with communication by making processor groups. As an optimization, chunking and on-line compression mechanisms are included in the both collective I/O schemes. The second library has been implemented on workstation clusters, called "Collective I/O Clustering". This library is based on the client-I/O server model. The I/O architecture of workstation clusters usually relies on a set of I/O servers, having local disks, and a set of diskless nodes. By using the local file system running at each node, such as UNIX, we developed a collective I/O scheme that supports irregular problems. In this library, two I/O configurations are possible. In the first configuration, all nodes have their local disk, thus the data in a client I/O buffer can go to its local disk, removing the communication between the clients and I/O **servers** . In the **second** configuration, only subset of nodes have their disk and can serve the incoming I/O requests from the clients. In this environment, the client **sends** the **data** to the appropriate I/O server, thus the communication latency between the client and I/O servers should be addressed to improve I/O performance. To optimize the communication latency, we provide a user-controllable stripe technique. Both the library and user applications can control this stripe unit. As did on MPPs, this library is incorporated with compression scheme to optimize I/O costs.

In this dissertation, the performance results on large-scale parallel

systems including the Intel Paragon at Caltech, and ASCI/Red Teraflops at Sandia National Labs are presented. The results for the collective I/O clustering on IBM-SP located at Argonne National Labs are also presented.

15/5/12 (Item 2 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01634740 ORDER NO: AAD13-88866
THE EVALUATION OF VIRTUAL ENVIRONMENT ARCHITECTURES AND THE DEVELOPMENT OF MAVE: A MULTI-AGENT ARCHITECTURE FOR VIRTUAL ENVIRONMENTS
Author: COBLE, JEFFREY ALLEN
Degree: M.S.
Year: 1997
Corporate Source/Institution: THE UNIVERSITY OF TEXAS AT ARLINGTON (2502)
Supervisor: KARAN HARBISON
Source: VOLUME 36/04 of MASTERS ABSTRACTS.
PAGE 1118. 51 PAGES
Descriptors: COMPUTER SCIENCE
Descriptor Codes: 0984

This thesis describes the development of three prototype systems that were designed to field test complex virtual environment applications. The prototypes were used to identify a collection of essential features for these applications. After collecting these features, we then evaluated each architecture to determine its ability to accommodate virtual environment developers in their efforts to provide these features.

We propose a two tier Multi-agent Architecture for Virtual Environments (MAVE). The first tier of the architecture is an object-oriented physical representation of the virtual environment that mimics the logical decomposition. The **second** tier is a **server** , which is built around an object-oriented database component. The second tier is designed to support the need for persistence, real-time interface to external **data** sources, **distribution** , and collaboration. MAVE addresses the need for autonomous components that support reuse, access to component level services, and intelligent behaviors.

15/5/13 (Item 3 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01519236 ORDER NO: AAD96-36713
DESIGN OF SMART PIXEL INTERFACES FOR OPTICAL PAGE-ORIENTED MEMORIES (REED SOLOMON CODES, TRANSFER DECODING ALGORITHM)
Author: HSU, WEI-FENG
Degree: PH.D.
Year: 1996
Corporate Source/Institution: UNIVERSITY OF SOUTHERN CALIFORNIA (0208)
Chair: ALEXANDER A. SAWCHUK
Source: VOLUME 57/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 4599. 110 PAGES
Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL
Descriptor Codes: 0544

Novel digital information services such as multimedia and video-on-demand require the storage of a large amount data at very low bit-error rate (BER), fast access to this data, and the efficient interface

of the storage system to high speed (gigabit/ **second**) networks. Optical **page** -oriented memory (OPOM) technology is one candidate that simultaneously provides large capacity and high data access rates. In this thesis, several designs for smart pixel (SP) interfaces for optical page-oriented memories are studied. Because of their potentially high capacity and large aggregate **data transfer** rate, the output of OPOMs must be directly interfaced to high-speed networks. However, the high raw BER of OPOMs severely limits some applications.

We concentrate on error correction coding/decoding and interface design using smart pixel technology. The interface contains an array of SP Reed-Solomon (RS) decoders that reduce the BER to $10\sp{-12}$ or better. The RS decoder, implementing the transfer decoding algorithm (TDA), has a pipeline structure and provides a high decoding rate. The TDA is implemented by 1-D and 2-D pipeline structures and serial and parallel finite field multipliers, resulting in six variations of the TDA RS decoder. A modified VLSI circuit simulation model was employed to estimate decoder area, power dissipation, and the maximum clock frequency.

The system analysis in this thesis was performed under two different sets of objectives. The first objective is to define system parameters for the RS coder and decoder which provide the highest aggregate output rate (throughput) of corrected information bits. The second objective is to define system parameters and the RS coder and decoder design which provide the highest code rate (defined as the fraction of total bits that are useful information) and, in turn, achieve the largest usable capacity. The results of these two analyses are that the codeword length of the chosen RS codes tends to approach two extremes: achieving either high data throughput (shorter length codes); or high capacity (longer length codes). Finally, several methods, including advanced optoelectronic packaging and multi-dimensional array codes, are proposed to improve future system performance.

15/5/14 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

1323593 H.W. WILSON RECORD NUMBER: BAST96019099
Time for new blueprints
Ball, Cheryl;
Datamation v. 42 (Mar. 15 '96) p. 97
DOCUMENT TYPE: Feature Article ISSN: 0011-6963 LANGUAGE: English
RECORD STATUS: Corrected or revised record

ABSTRACT: **Second** generation client/ **server** systems need to incorporate multitier client/server architecture to manage the new, complex, business-critical applications. This second generation usually involves large-scale OLTP applications incorporating **distributed** processing of **distributed data** across multiple locations. It typically features a three-tier client/server architecture in which the presentation logic and maybe some of the functional logic is located on the client, the data sits on data servers, and most of the functional application logic sits on application servers. The advantages of this arrangement are discussed.

DESCRIPTORS: Client server computing;

15/5/15 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00405965 95PI12-304
Intel EtherExpress PRO/100B, Intel EtherExpress PRO/100 Smart
Desai, Arun R
PC Magazine , December 19, 1995 , v14 n22 p224-229, 5 Page(s)
ISSN: 0888-8507
Company Name: Intel Corp.
Product Name: Intel EtherExpress PRO/100B; Intel EtherExpress PRO/100 Smart
Languages: English
Document Type: Hardware Review
Grade (of Product Reviewed): A; A
Geographic Location: United States
Presents very favorable reviews of the Intel EtherExpress PRO/100B ($169) and the Intel EtherExpress PRO/100 Smart ($895), Fast Ethernet adapters from Intel Corp. of Hillsboro, OR (800, 503). Indicates that the PRO 100/B's installation lets you set the card for either half- or full-duplex, or to auto-negotiate between the two. Reports that with the PRO 100/B on the client and the server, it had the best Performance/Efficiency Index score in the group. Also notes it had the highest throughput rate as a **server** adapter and the **second** -highest rate as a client adapter. States that the PRO/100 Smart had an excellent Performance/Efficiency Index score, and on the 64-byte block version of the CPU Utilization test it had an outstanding 35.7% test score, compared to every other card in the group, which had utilization scores above 90%. Includes one table. (jo)
Descriptors: Network Interface Cards; Adapters; **Data Transmission** ; Hardware Review; Server; Client-Server Computing; Ethernet
Identifiers: Intel EtherExpress PRO/100B; Intel EtherExpress PRO/100 Smart; Intel Corp.

15/5/16 (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00282389 92IW07-238
DocuPoint launches two document image servers
Busse, Torsten
InfoWorld , July 20, 1992 , v14 n29 p31, 1 Page(s)
ISSN: 0199-6649
Company Name: DocuPoint
Product Name: EasyFile 3000; ExpressFile 7000; DP 500 Optical Disk Library Unit
Languages: English
Document Type: Product Announcement
Geographic Location: United States
Reports that DocuPoint of Fremont, CA (510), a unit of Sigma Design,

will ship this summer document image servers for the enterprise providing 10 and 40 **pages** of throughput per **second** : the EasyFile 3000 ($40,000) supporting up to 20 networked workstations and featuring the DP 300 workstation, a scanner, and a printer; and the ExpressFile 7000 ($110,000), a high-end server expandable to four processors which supports up to 200 simultaneous users and as many as eight separate Ethernet or Token Ring LANs. Both support multiple-client environments including DOS, Windows, and Unix. Adds that DocuPoint in August will ship the DP 500 Optical Disk Library Unit ($60,000), a 10-drive optical disk jukebox with up to 288GB of storage capacity. Explains that the systems are built on a parallel processing architecture for **transferring** large image **data** packets in LAN and mainframe environments. Includes one diagram. (jb)

Descriptors: Image Processing; Server; Information Storage; Hardware

Identifiers: EasyFile 3000; ExpressFile 7000; DP 500 Optical Disk Library Unit; DocuPoint

15/5/17 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

00059030 8338117

PC peripherals provide communications abilities

Chin, Kathy

InfoWorld , Jul 11 1983 , v5 n28 p3, 1 page

ISSN: 0199-6649

Languages: English

Document Type: Article

Geographic Location: United States

Reports that Intelligent Technologies International has announced a new synchronous communications package that is fast enough (4800 baud) to transmit or receive more than one typewritten **page** per **second** .

Descriptors: IBM Personal Computer; *Telecommunications; *Product Announcement; * **Data Transmission**

Identifiers: PC Express; PC to PC 4800 Baud; Intelligent Technologies International

15/5/18 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

06604843

Wireless technologies tuned to future

JAPAN: DEVELOPMENT OF WIRELESS TECHNOLOGY

The Nikkei Weekly (NW) 09 Mar 1998 P.9

Language: ENGLISH

Japan's Ministry of Posts and Telecommunications' Communications Research Laboratory has developed wireless technology that pave the way for commercialisation of advanced mobile-telecommunications system in the early 2000s. Its wireless local area network system is to be used indoors, with a range limited to about 20m. The system **sends** and receives **data** between an antenna on a terminal and a relaying antenna on the ceiling. The protoytype system uses the 60GHz band. With the high frequency, it can **send data** equivalent to 200 newspaper **pages** in only one **second** . When connected to a fibre-optic network that is fast enough, the wireless system can be used for real-time videoconferencing. The wireless system can be used by many users simultaneously as it allocates frequency channels after determining necessary communications speeds for individual

transmissions. The research laboratory hopes to make the system smaller and faster by developing a custom integrated circuit. It intends to develop a wireless local area network system, which provides the same communication speed of over 100M per second as broadband integrated systems digital network by spring 1999.

EVENT: Product Design & Development (33);
COUNTRY: Japan (9JPN);

15/5/19 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

06552403
Langaton tietoyhteiskunta jo lUhellU
FINLAND: CEO OF NOKIA ON INFORMATION SOCIETY
Taloussanomat (AMB) 25 Nov. 1997 p.4
Language: FINNISH

CEO of Finland's Nokia, Jorma Ollila, predicts that the realization of the wireless information society is close at hand. Nokia is paving the way toward a new wireless information society to be achieved with the help of the third generation in telecommunications, he envisions. The improved **data transfer** capacity of cellular phones will enable the use of Internet services with value added, Ollila says. Over the next three years the development of the GSM technology will offer a **data - transfer** speed of up to 384 kB per second, he promises. This will be possible as the third-generation terminals will have a capacity of 125 **pages** per **second** . According to Ollila, strong new standards are a key requirement for the personal multimedia services of the future. He emphasizes Nokia's commitment to creating a global technology based on the broadband WCDMA radio network solution. Ollila has given a speech in the EITC conference in Brussels.
COMPANY: NOKIA

PRODUCT: General Management Services (9916); Computers & Auxiliary Equip (3573); Communications Eqp ex Tel (3662);
EVENT: null (00);
COUNTRY: General Worldwide (0W); Finland (5FIN);

15/5/20 (Item 3 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

04994412
xxx
US - HEWLETT-PACKARD ADDS DIRECT ETHERNET LINK TO LASERJET
Computergram International (CGI) 3 April 1992 p1
ISSN: 0268-716X

Hewlett-Packard has introduced three network-peripheral interface boards designed to slot into its LaserJet printers, enabling them to be connected directly to a Unix Ethernet network, and eliminating the need for connection via serial and parallel ports. The JetDirect boards, says Hewlett, enable peripherals to be distributed anywhere on the network, and cut out performance problems associated with external boxes and additional client workstation software - the LaserJet II, for example, can accept data at 160Kbytes-per- **second** . Also, **server** loading is supposedly reduced because **data** is **transferred** in a block rather than in single bytes. The

22/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

6577221 INSPEC Abstract Number: C2000-06-5290-009
Title: Visualization of radial basis function networks
Author(s): Agogino, A.; Ghosh, J.; Martin, C.
Author Affiliation: Lab. for Artificial Neural Syst., Texas Univ., Austin, TX, USA
Conference Title: IJCNN'99. International Joint Conference on Neural Networks. Proceedings (Cat. No.99CH36339) Part vol.2 p.1199-202 vol.2
Publisher: IEEE, Piscataway, NJ, USA
Publication Date: 1999 Country of Publication: USA 6 vol. lxii+4439 pp.
ISBN: 0 7803 5529 6 Material Identity Number: XX-2000-00537
U.S. Copyright Clearance Center Code: 0 7803 5529 6/99/$10.00
Conference Title: Proceedings of International Conference on Neural Networks
Conference Sponsor: Int. Neural Network Soc.; Neural Netowrks Council of IEEE
Conference Date: 10-16 July 1999 Conference Location: Washington, DC, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Applications (A); Practical (P); Theoretical (T)
Abstract: Presents a method for the 3D visualization of the structure of radial basis function networks. This method allows the visualization of basis function characteristics (centers and widths) along with **second** level weights. **Network** properties can be **displayed** simultaneously with the training **data** or test data in the same input space. Principal component analysis is used to transform the input data so that its most salient dimensions can be visualized. This method also allows changes made while graphically editing the network structure, in transformed space, to be projected back into the original input space. (7 Refs)
Subfile: C
Descriptors: data visualisation; neural net architecture; pattern recognition; principal component analysis; radial basis function networks
Identifiers: 3D visualization; basis function characteristics; second level weights; network properties
Class Codes: C5290 (Neural computing techniques); C1230D (Neural nets); C1140Z (Other topics in statistics); C1250 (Pattern recognition); C7300 (Natural sciences computing); C6130B (Graphics techniques)

22/5/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

5691658 INSPEC Abstract Number: C9710-5260B-272
Title: Neural network assisted drug detection in X-ray images
Author(s): Manukian, N.; Wilensky, G.D.; Kirkwood, J.L.; Jung-Chou Chang
Author Affiliation: Logicon RDA, Los Angeles, CA, USA
Conference Title: 1997 IEEE International Conference on Neural Networks. Proceedings (Cat. No.97CH36109) Part vol.4 p.2497-502 vol.4
Publisher: IEEE, New York, NY, USA
Publication Date: 1997 Country of Publication: USA 4 vol. xlvi+2570 pp.
ISBN: 0 7803 4122 8 Material Identity Number: XX97-01987
U.S. Copyright Clearance Center Code: 0 7803 4122 8/97/$10.00
Conference Title: Proceedings of International Conference on Neural Networks (ICNN'97)

Conference Sponsor: IEEE Neural Networks Council (NNC)
Conference Date: 9-12 June 1997 Conference Location: Houston, TX, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Experimental (X)
Abstract: A drug detection system using neural networks is applied to the problem of detecting cocaine simulants in backscatter and transmission images of baggage generated by the AS&E 101 X-ray mobile van. This system automatically locates and evaluates potential targets of interest by merging intensify and geometric data from backscatter and transmission X-ray images and outlines the suspicious regions in red. Two neural networks are used to analyze the combination of both backscatter and **transmission data** ; the **first network** analyzes suspicious regions from the images and outputs a probability that the region contains drugs, and the second network integrates all such regions from a bag and outputs a probability that the bag contains drugs. The system performance approaches that of expert human operators in detecting drugs. It can benefit inspection by reducing the number of bags that the human needs to inspect, thereby increasing the number of bags that a human can process in a given time. (5 Refs)
Subfile: C
Descriptors: feature extraction; inspection; neural nets; object recognition; probability; X-ray imaging
Identifiers: drug detection system; X-ray images; neural networks; cocaine; baggage; probability; inspection; feature extraction; object recognition; backscatter images; transmission images
Class Codes: C5260B (Computer vision and image processing techniques); C1250 (Pattern recognition); C5290 (Neural computing techniques)

22/5/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC

5349343 INSPEC Abstract Number: B9610-6210L-017, C9610-5620-004
Title: Network security technologies
Author(s): Hashimoto, H.; Takaragi, K.
Author Affiliation: Software Dev. Center, Hitachi Ltd., Japan
Journal: Hitachi Review vol.45, no.2 p.89-94
Publisher: Hitachi,
Publication Date: April 1996 Country of Publication: Japan
CODEN: HITAAQ ISSN: 0018-277X
SICI: 0018-277X(199604)45:2L.89:NST;1-E
Material Identity Number: H006-96004
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: As open networks in companies are spreading from inside the company to the outside world, the characteristics of the **data transferred** across the **network** are changing. At **first** , most of this data was generated to support internal research networks, but recently the importance of guarding internal data such as personal information and business strategies has become great. Thus, network security is becoming a very important issue in network communications. The article discusses why security is important as networks grow in size, and suggests what types of security will be required. It also points out the two basic types of security requirements-defensive security to protect data from invalid access and offensive security such as electronic commerce using security mechanisms. Hitachi's security technology, called Multimedia Encryption (MULTI), is a purely software based implementation, and therefore does not require special hardware. The encoding speed of this system is high because it is designed to match 32 bit CPU instructions. The article describes two

security software products which used MULTI. One is for encoding and decoding files and the other is for constructing digital signatures. (5 Refs)
Subfile: B C
Descriptors: computer network management; cryptography; multimedia computing
Identifiers: network security technologies; open networks; internal research networks; personal information; business strategies; network communications; security requirements; electronic commerce; Multimedia Encryption; MULTI; purely software based implementation; encoding speed; 32 bit CPU instructions; security software products; digital signatures
Class Codes: B6210L (Computer communications); B6210C (Network management); B6120B (Codes); C5620 (Computer networks and techniques); C6130S (Data security); C0310D (Computer installation management); C6130M (Multimedia)

22/5/4 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC

4766803 INSPEC Abstract Number: B9411-6210L-014, C9411-5620L-003
Title: Mixed FDDI and ATM data networks
Author(s): Dohmen, A.
Journal: Elektronik vol.43, no.13 p.94-7
Publication Date: 28 June 1994 Country of Publication: West Germany
CODEN: EKRKAR ISSN: 0013-5658
Language: German Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: Discusses high speed **data transmission networks** to 100 Mbit/ **second** based on ATM (asynchronous transfer mode). The author suggests that ATM will be used in public as well as in private networks and proposes ATM networks for building cabling. A diagram of a conventional FDDI backbone architecture, offering Ethernet, ToekenRing and FDDI facilities, is shown together with an ATM switch, and compared with copper wire systems. The need for a network management system for all types of network is stated. (0 Refs)
Subfile: B C
Descriptors: asynchronous transfer mode; data communication systems; FDDI; local area networks; telecommunication network management; token networks
Identifiers: FDDI-ATM mixed data network; public network; asynchronous transfer mode; high speed data transmission networks; private networks; ATM networks; building cabling; FDDI backbone architecture; Ethernet; ToekenRing; ATM switch; network management system; 100 Mbit/s
Class Codes: B6210L (Computer communications); B6260 (Optical links and equipment); B6210C (Network management); C5620L (Local area networks)
Numerical Indexing: bit rate 1.0E+08 bit/s

22/5/5 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC

4670719 INSPEC Abstract Number: B9406-6210M-014
Title: Approach to the transition from hybrid digital-analog communication network to ISDN
Author(s): Tan Zhengping; Fu Zhong
Author Affiliation: Sichuan Electr. Power Dispatching Centre, Chengdu, China
Journal: Automation of Electric Power Systems vol.18, no.1 p.36-43
Publication Date: Jan. 1994 Country of Publication: China

CODEN: DXZIE9 ISSN: 1000-1026
Language: Chinese Document Type: Journal Paper (JP)
Treatment: General, Review (G)
Abstract: Digital transmission main lines have been built in the Sichuan electrical communication network, China. The switching network has been adjusted from a radiation to a hybrid star form with completed tandem switching between two and between three grades. The digital program controlled switching centres have been equipped at all the switching nodes following the switching network project from 1992 to 1993. The local ISDN functions have been realized between the **first** and **second** tandem stations. **Network** structure adjustment, **transmission** loss, equipment selection, synchronization, **data transmission** , signalling, etc. are described. (9 Refs)
Subfile: B
Descriptors: ISDN; project engineering; switching networks; synchronisation; telecommunication exchanges; telecommunication signalling
Identifiers: ISDN; hybrid digital-analog communication network; digital transmission main lines; China; switching network; hybrid star; tandem switching; project; network structure; transmission loss; equipment selection; synchronization; data transmission; signalling
Class Codes: B6210M (ISDN); B6230F (Integrated switching and transmission systems)

22/5/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC

4651461 INSPEC Abstract Number: C9406-5440-002
Title: Evaluation of parallel execution performance by highly parallel computer EM-4
Author(s): Kodama, Y.; Yamaguchi, Y.
Author Affiliation: Electrotech. Lab., Tsukuba, Japan
Journal: Systems and Computers in Japan vol.24, no.9 p.32-41
Publication Date: 1993 Country of Publication: USA
CODEN: SCJAEP ISSN: 0882-1666
U.S. Copyright Clearance Center Code: 0882-1666/93/0009-0032
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: The EM-4 is a highly parallel computer which achieves high performance in data communication as well as instruction execution. An EM-4 prototype which consists of 80 processing elements (PEs) has been fully operational since April 1990. This paper evaluates the basic parallel execution performance of the EM-4 prototype, considering the performance of instruction execution, **network data transfer** , and **data** synchronization. **First** , an attempt is made to achieve maximum performance by executing artificial programs and comparing them to the theoretical maximum performance. Next, the average performance is evaluated by executing simple programs. The results show that the instruction execution performance is 630 MIPS, the network data transfer is 400 Mpacket/s, and the data synchronization is 35 Msync/s. (10 Refs)
Subfile: C
Descriptors: parallel processing; performance evaluation; synchronisation
Identifiers: parallel execution performance; highly parallel computer EM-4; data communication; instruction execution; EM-4 prototype; network data transfer; data synchronization
Class Codes: C5440 (Multiprocessor systems and techniques); C5470 (Performance evaluation and testing)

22/5/7 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC

4476932 INSPEC Abstract Number: B9310-1265B-081
Title: Configurable array logic circuits for computing network error detection codes
Author(s): Brebner, G.
Author Affiliation: Dept. of Comput. Sci., Edinburgh Univ., UK
Journal: Journal of VLSI Signal Processing vol.6, no.2 p.101-17
Publication Date: Aug. 1993 Country of Publication: Netherlands
CODEN: JVSPED ISSN: 0922-5773
U.S. Copyright Clearance Center Code: 0922-5773/93/$5.00
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: Configurable array logic (CAL) has a basic architecture which is a cellular array with nearest neighbor connections. The cells in the array are dynamically programmable using transistor switches controlled by static RAM cells. Each cell can realize any two-input Boolean operation or act as a simple latch, as well as providing routing for pass-through connections to allow nonneighbor inter-cell connections. This article demonstrates the versatility of the CAL technology by presenting efficient CAL circuits for computing all of the major error detection codes now in use for worldwide computer networking; these include CCITT, IEEE, Internet and ISO standard codes. The circuits, each having a version which comfortably fits on to a single 32*32 cell CAL chip, are appropriate for use as hardware accelerators to help computers deal with the ever increasing rates of **data transmission** over **networks** . The **first** class of error detection codes described are the cyclic redundancy codes (CRCs), which are in virtually universal use for bit serial transmission over physical links. The other class of error detection codes described are the modulo 2/sup n/-1 checksums, which are in common use for byte transmission over networks and inter-networks. (12 Refs)
Subfile: B
Descriptors: computer networks; cyclic codes; error detection codes; logic arrays; redundancy
Identifiers: configurable array logic; network error detection codes; cellular array; nearest neighbor connections; static RAM cells; two-input Boolean operation; pass-through connections; nonneighbor inter-cell connections; CAL technology; computer networking; CCITT; IEEE; Internet; ISO standard codes; hardware accelerators; cyclic redundancy codes; bit serial transmission; physical links; byte transmission
Class Codes: B1265B (Logic circuits); B6120B (Codes); B6210L (Computer communications)

22/5/8 (Item 8 from file: 2)
DIALOG(R)File 2:INSPEC

04346018 INSPEC Abstract Number: B9303-6210L-094, C9303-5620L-029
Title: Integrated office network
Author(s): Sakushima, K.; Watanabe, Y.; Mizuno, H.; Yamaguchi, Y.; Fujita, H.
Author Affiliation: AV & CC Syst. Res. & Dev. Center, Matsushita Electr. Ind. Co. Ltd., Osaka, Japan
Journal: National Technical Report vol.38, no.5 p.21-8
Publication Date: Oct. 1992 Country of Publication: Japan
CODEN: NTROAV ISSN: 0028-0291
Language: Japanese Document Type: Journal Paper (JP)
Treatment: Applications (A); Practical (P)

Abstract: An integrated office network system based on UNIX workstations, is composed of an FDDI-LAN, Ethernet-LAN and PBX- **network** : the **first** and **second** support **data transfer** and the third supports audio-signal transfer. For this system, an FDDI-B router to construct an FDDI-ring, a FAX-server adapter to exchange data between the data-LAN and the audio-signal LAN, and a PBX control workstation to make automatic calls have been developed. A network workstation management system and an integrated network management system have also been developed. The newly developed hardware and software have made it possible to construct easy, convenient and safe network systems. (0 Refs)

Subfile: B C

Descriptors: executive workstations; FDDI; local area networks; office automation

Identifiers: integrated office network system; UNIX workstations; FDDI-LAN; Ethernet-LAN; PBX; router; adapter; network workstation management system; integrated network management system; hardware; software

Class Codes: B6210L (Computer communications); C5620L (Local area networks); C7104 (Office automation)

22/5/9 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

04307907 INSPEC Abstract Number: C9302-5470-005

Title: Highly parallel computer EM-4 and its parallel performance evaluation

Author(s): Kodama, Y.; Sakai, S.; Yamaguchi, Y.

Author Affiliation: Electrotech. Lab., Tsukuba, Japan

Journal: Transactions of the Institute of Electronics, Information and Communication Engineers D-I vol.J75D-I, no.8 p.607-14

Publication Date: Aug. 1992 Country of Publication: Japan

CODEN: DTRDES

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: EM-4 is a highly parallel computer which achieves high performance in data communication as well as instruction execution. An 80 processor EM-4 prototype has been fully operational since April 1990. The paper evaluates the basic parallel performance of the EM-4 prototype, considering the performance of instruction execution, **network data transfer** , and **data** synchronization. **First** , an attempt is made to achieve maximum performance and it is compared to the theoretical maximum performance. Next, simple programs which execute at 640 MIPS, 412 Mpacket/s, and 35 Msync/s are executed. The differences between the performance and the maximum performance is then considered. (9 Refs)

Subfile: C

Descriptors: parallel machines; performance evaluation

Identifiers: parallel performance evaluation; EM-4; parallel computer; data communication; instruction execution; network data transfer; data synchronization; 640 MIPS

Class Codes: C5470 (Performance evaluation and testing); C5440 (Multiprocessor systems and techniques)

Numerical Indexing: computer execution rate 6.4E+08 IPS

22/5/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

03925709 INSPEC Abstract Number: B91046610, C91047619

Title: Metropolitan area networks : **the** first **broadband public** data transmission **service**
Author(s): Bajenescu, T.I.
Journal: Schweizerische Technische Zeitschrift vol.88, no.5 p. 15-17, 19, 20
Publication Date: 12 March 1991 Country of Publication: Switzerland
CODEN: STZTA5 ISSN: 0040-151X
Language: German Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: The author gives a description of a wide-area network based on optical fiber transmission, capable of 140 Megabit/sec data transmission speed. The range of the Metropolitan Area Network (MAN) is stated to be 100 km. This is stated to obviate the need for dedicated lines. LANs and MANs are compared, interface standards are discussed and it is noted that the systems are based on specification IEEE 802.6. Work by the AT&T, Northern Telecom and QPSX (Australia) companies is referred to. A world market of more than one billion US dollars is suggested for MANs over the coming years. Test operations by banks, insurance companies, airlines and universities are intended. (6 Refs)
Subfile: B C
Descriptors: broadband networks; data communication systems; local area networks; optical links
Identifiers: broadband public data transmission service; optical fiber; Metropolitan Area Network; MAN; LANs; interface standards; IEEE 802.6; AT&T ; Northern Telecom; QPSX; Australia; 140 Mbit/s
Class Codes: B6210L (Computer communications); B6260 (Optical links and equipment); C5620 (Computer networks and techniques)
Numerical Indexing: bit rate 1.4E+08 bit/s

22/5/11 (Item 11 from file: 2)
DIALOG(R)File 2:INSPEC

03366820 INSPEC Abstract Number: A89059726, C89032882
Title: Multiprocessor based 4K data acquisition system with enhanced system capabilities
Author(s): Mohindra, N.V.; Ram, L.S.; Gopalakrishnan, K.R.; Bayala, A.K.
Author Affiliation: Electron. Div., Bhabha Atomic Res. Centre, Bombay, India
Journal: Indian Journal of Physics, Part A vol.63A, no.1 p.49-52
Publication Date: Jan. 1989 Country of Publication: India
CODEN: INJADP ISSN: 0019-5480
Conference Title: Seminar on Physics and Technology of Particle Accelerators and their Applications
Conference Date: 29 Jan.-3 Feb. 1987 Conference Location: Calcutta, India
Language: English Document Type: Conference Paper (PA); Journal Paper (JP)
Treatment: Applications (A); Experimental (X)
Abstract: A multiprocessor based 4K data acquisition system has been designed using a number of processors working simultaneously to give enhanced system capabilities. The Master processor is assigned to carry out high speed **data** acquisition and **display** of spectrum and **on line** computations while a **second** processor gives independently alpha-numeric page display for communications. A third processor which may even be a Personal Computer is assigned to carry out complex calculations required for processing data acquired by the Master processor. All these processors communicate with each other through serial link leaving no chance of bus contention of any type. (0 Refs)
Subfile: A C

Descriptors: data acquisition; microcomputer applications; physics computing
Identifiers: 4K data acquisition system; enhanced system capabilities; multiprocessor; spectrum; alpha-numeric page display; communications; serial link; 4 KB
Class Codes: A2980C (Computer systems); C5520 (Data acquisition equipment and techniques); C7320 (Physics and Chemistry)
Numerical Indexing: memory size 4.1E+03 Byte

22/5/12 (Item 12 from file: 2)
DIALOG(R)File 2:INSPEC

03209511 INSPEC Abstract Number: B88059349, C88051942
Title: NETBLT: a high throughput transport protocol
Author(s): Clark, D.D.; Lambert, M.L.; Zhang, L.
Author Affiliation: Lab. for Comput. Sci., MIT, Cambridge, MA, USA
Journal: Computer Communication Review vol.17, no.5, spec. issue. p.353-9
Country of Publication: USA
CODEN: CCRED2 ISSN: 0146-4833
U.S. Copyright Clearance Center Code: 0 89791 245 4/88/0001/0353$1.50
Conference Title: ACM SIGCOMM 87 Workshop: Frontiers in Computer Communications Technology
Conference Sponsor: ACM; SRI Int.; Cybertree
Conference Date: 11-13 Aug. 1987 Conference Location: Stowe, VT, USA
Language: English Document Type: Conference Paper (PA); Journal Paper (JP)
Treatment: Theoretical (T)
Abstract: Introduces a new transport protocol, NETBLT, which was designed for high throughput, bulk **data transmission** applications. The authors **first** analyze the impact of **network** unreliability and delay on the end-to-end transport protocol; they then summarize previous experience, and then show the design and implementation of NETBLT, followed by initial experience. Generally speaking, errors and variable delays are two barriers to high performance for all transport protocols. The NETBLT design and experience explores general principles for overcoming these barriers. (6 Refs)
Subfile: B C
Descriptors: data communication systems; protocols
Identifiers: NETBLT; high throughput transport protocol; bulk data transmission; network unreliability; delay; end-to-end transport protocol
Class Codes: B6150 (Communication switching theory); C5620 (Computer networks and techniques)

22/5/13 (Item 13 from file: 2)
DIALOG(R)File 2:INSPEC

03158506 INSPEC Abstract Number: B88041169
Title: Liberalisation and information technology
Author(s): Vince, P.H.
Author Affiliation: IBM UK, Ltd., London, UK
Conference Title: IEE Colloquium on 'The Impact of Liberalisation and Competition on Telecommunications' (Digest No.29) p.5/1-3
Publisher: IEE, London, UK
Publication Date: 1988 Country of Publication: UK 46 pp.
Conference Sponsor: IEE
Conference Date: 24 Feb. 1988 Conference Location: London, UK

Language: English Document Type: Conference Paper (PA)
Treatment: General, Review (G)
Abstract: The provision of telecommunications is not an end in itself but a means of enabling business and social contacts to be made at a distance as nearly possibly as readily as if the people concerned were in the same room. Historically, telecommunications networks have chiefly been used for voice telephony. Over recent decades, this has been supplemented by telex and facsimile transmissions. However, the principal development that has occurred since the advent of computers in the middle of this century has been the **transmission** of **data** , at **first** over **networks** designed for voice telephony but increasingly over networks dedicated to data transmission. Now that transmission and switching are being digitised, the main emphasis in the near future is on the implementation of networks over which the transmission of voice, data, text and images can be integrated. (0 Refs)
Subfile: B
Descriptors: legislation; telecommunication
Identifiers: services integration; information technology; data transmission; switching; voice; data; text; images
Class Codes: B0140 (Administration and management); B6200 (Telecommunication)

22/5/14 (Item 14 from file: 2)
DIALOG(R)File 2:INSPEC

03108290 INSPEC Abstract Number: B88028464
Title: The development and prospect of the telecommunication network realized within UNI '87 PTT programme
Author(s): Kustovic, I.
Author Affiliation: PTT Zagreb, Yugoslavia
Journal: Elektrotehnika vol.30, no.4 p.201-10
Publication Date: July-Aug. 1987 Country of Publication: Yugoslavia
CODEN: ELTHB2 ISSN: 0013-5844
Language: Croatian Document Type: Journal Paper (JP)
Treatment: General, Review (G); Practical (P)
Abstract: The compatibility and significance of new capacities, as well as further development of the telecommunication network, are analyzed based on both, plans and realization of the UNI '87 PTT programme. Putting into service digital AXE exchanges, new telecommunication centres, digital transmission systems, signalling system CCITT No.7 and the construction of a separate **data transmission network** represent the **first** steps in the construction of a modern integrated digital trunk and local network as the first phase towards integrated service digital network (ISDN). (7 Refs)
Subfile: B
Descriptors: data communication systems; digital communication systems; ISDN; signalling (telecommunication networks); telephone exchanges
Identifiers: UNI '87 PTT programme; telecommunication network; digital AXE exchanges; digital transmission systems; signalling system; CCITT No.7; data transmission network; integrated digital trunk; local network; integrated service digital network; ISDN
Class Codes: B6210M (ISDN)

22/5/15 (Item 15 from file: 2)
DIALOG(R)File 2:INSPEC

02899004 INSPEC Abstract Number: B87041433, C87033883

Title: Always smaller, always more powerful (protocol analysers)
Author(s): Fusi, L.
Journal: Elettronica Oggi no.31 p.159-60, 162
Publication Date: Nov. 1986 Country of Publication: Italy
CODEN: ELOGDA ISSN: 0391-6391
Language: Italian Document Type: Journal Paper (JP)
Treatment: Practical (P); Product Review (R)
Abstract: Protocol analysers are instruments which have made great technological advances in recent years. The author describes some of the Hewlett-Packard instruments for this type of work. These are the HP 4952A analysers, the HP 4953A and the HP 4971S; all can be used to help in the maintenance of **data transmission networks** . The **first** two of these instruments are described briefly and some of their main characteristics are given, including short notes on the applicable software. A fairly long description of the HP 18310A emulator follows and there are some sample menus for the two analysers and a diagram showing the architecture of a typical network for use with one of the new analysers. Brief notes are given on the HP 18311A trainer for components and the 18312A for HP nodes. (0 Refs)
Subfile: B C
Descriptors: network analysers; protocols
Identifiers: protocol analysers; network analysers; Hewlett Packard; HP 4952A; HP 4953A; HP 4971S; data transmission networks; HP 18310A emulator; HP 18311A trainer; 18312A
Class Codes: B7210X (Other instrumentation and measurement systems); C5450 (Analogue and hybrid computers and systems); C5620 (Computer networks and techniques)

22/5/16 (Item 16 from file: 2)
DIALOG(R)File 2:INSPEC

02391681 INSPEC Abstract Number: B85014102
Title: The SAPHIR network of the national Gendarmerie
Author(s): Fabre, J.-C.; Fino, B.; Groscassand, C.; Germain-Thomas, A.; Audigier, M.
Author Affiliation: Direction Generale de la Gendarmerie Nat., Paris, France
Journal: L'Onde Electrique vol.64, no.6 p.25-33
Publication Date: Nov.-Dec. 1984 Country of Publication: France
CODEN: ONELAS ISSN: 0030-2430
Language: French Document Type: Journal Paper (JP)
Treatment: Applications (A)
Abstract: Presents the major features of the SAPHIR network developed and installed by the companies CSEE and TRT for the French Gendarmerie. During the **first** phase, the **data transmission network** linking the main urban centers of continental France and Corsica was put into operation along with a pilot radio network of one region. During the on-going second phase, network radio links are extended and more than 10000 fixed or mobile stations will be interconnected (Gendarmerie brigades or vehicles). The constraints and objectives of this network, the developed equipment, the operating theory, management principles and performance levels are successively described. (0 Refs)
Subfile: B
Descriptors: computer networks; data communication systems; radio networks
Identifiers: SAPHIR; CSEE; TRT; French Gendarmerie; data transmission network; urban centers; continental France; Corsica; pilot radio network; network radio links; mobile stations; brigades; vehicles; operating theory; management; performance levels

Class Codes: B6210L (Computer communications); B6250 (Radio links and equipment)

22/5/17 (Item 17 from file: 2)
DIALOG(R)File 2:INSPEC

02391604 INSPEC Abstract Number: B85014023
Title: Analog or digital phone system: time for decision
Author(s): Schloss, J.S.
Journal: The Office vol.98, no.5 p.87, 111-13, 121
Publication Date: Nov. 1983 Country of Publication: USA
CODEN: OFISAD ISSN: 0030-0128
Language: English Document Type: Journal Paper (JP)
Treatment: General, Review (G)
Abstract: Because it was originally designed to cater to human communication needs, the standard telephone network is equipped to handle analog signaling only. Digital **data** that is to be **transmitted** over the **network** must **first** be converted to analog signals. The analog PBX is traditional, and service technicians generally know its operation. The digital PBX is new and requires extensive training of technicians. Thus can be a major concern when speed of repair and quality service using minimally trained technicians are considered. An analog switch can provide (1) higher overall reliability for a given cost, (2) ease of maintenance, (3) resistance to total failures as a result of individual component failures in the matrix and (4) better compatibility with data-modem equipment. (0 Refs)
Subfile: B
Descriptors: digital communication systems; private telephone exchanges
Identifiers: analog PBX; service technicians; digital PBX; training; analog switch; reliability; cost; maintenance; component failures; compatibility; data-modem equipment
Class Codes: B6230 (Switching centres and equipment)

22/5/18 (Item 18 from file: 2)
DIALOG(R)File 2:INSPEC

02004814 INSPEC Abstract Number: A83026516, B83015540, C83008855
Title: The computer-based control system of the NAC accelerator
Author(s): Burdzik, G.F.; Bouckaert, R.F.A.; Cloete, I.; du Toit, J.S.; Kohler, I.H.; Truter, J.N.J.; Visser, K.; Wikner, V.C.St.J.
Author Affiliation: Nat. Accelerator Centre, CSIR, Faure, South Africa
Conference Title: Symposium on Control Theory and Applications p. 10/1-12
Publisher: CSIR, Pretoria, South Africa
Publication Date: 1982 Country of Publication: South Africa 378 pp.
ISBN: 0 7988 2413 1
Conference Date: 17-18 June 1982 Conference Location: Pretoria, South Africa
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: The National Accelerator Centre (NAC) of the CSIR is building a two-stage accelerator which will provide charged-particle beams for use in medical and research applications. The control system for this accelerator is based on three minicomputers and a CAMAC interfacing network. Closed-loop control is being relegated to the various subsystems of the accelerators, and the computers and CAMAC **network** will be used in the **first** instance for **data** **transfer** , monitoring and servicing of the

control consoles. The processing power of the computers will be utilized for automating start-up and beam-change procedures, for providing flexible and convenient information at the control consoles, for fault diagnosis and for beam-optimizing procedures. Tasks of a localized or dedicated nature are being off-loaded onto microcomputers, which are being used either in front-end devices or as slaves to the minicomputers. On the control consoles only a few instruments for setting and monitoring variables are being provided, but these instruments are universally-linkable to any appropriate machine variable. (5 Refs)
Subfile: A B C
Descriptors: beam handling techniques; CAMAC; computerised instrumentation; cyclotrons; physical instrumentation control
Identifiers: computer-based control system; National Accelerator Centre; CSIR; two-stage accelerator; charged-particle beams; minicomputers; CAMAC interfacing network; start-up; beam-change; fault diagnosis; beam-optimizing procedures; microcomputers
Class Codes: A2920H (Cyclotrons); A2925F (Beam handling, focusing, pulsing and stripping); B7410 (Accelerators); C3380D (Physical instruments); C5600 (Data communication equipment and techniques); C7420 (Control engineering)

22/5/19 (Item 19 from file: 2)
DIALOG(R)File 2:INSPEC

01603956 INSPEC Abstract Number: B80054697, C80035507
Title: The Philippines' first data communications network
Author(s): Clavecilla, W.P.
Author Affiliation: Clavecilla Group of Co., Manila, Philippines
Journal: Telecommunications vol.14, no.8 p.41-2, 44, 54
Publication Date: Aug. 1980 Country of Publication: USA
CODEN: TLCOAY ISSN: 0040-2494
Language: English Document Type: Journal Paper (JP)
Treatment: General, Review (G)
Abstract: Clavecilla Electronics and Telecommunications Corp. (CETCO), under appropriate arrangements with a sister company, the Clavecilla Radio System (CRS), the Philippines' pioneer telecommunications carrier, is setting up a switched digital data communication network in metro manila and nationwide service starting, initially, in Cebu and Davao for the purpose of providing reliable, high-speed data transmission circuits for computer services. The digital **data** switching and **transmission network** proposed will be the **first** of its kind in the Philippines, and represents the most advanced technology now being implemented by data transmission companies world-wide. (0 Refs)
Subfile: B C
Descriptors: computer networks; data communication systems
Identifiers: high speed data transmission; computer networks
Class Codes: B6210L (Computer communications); C5620 (Computer networks and techniques)

22/5/20 (Item 20 from file: 2)
DIALOG(R)File 2:INSPEC

01059719 INSPEC Abstract Number: B77018591, C77015082
Title: A microprocessor controlled pressure scanning system
Author(s): Anderson, R.C.
Author Affiliation: Lewis Res. Center, NASA, Cleveland, OH, USA
Conference Title: Proceedings of the 22nd International Instrumentation

Symposium p.685-93
Editor(s): Washburn, B.
Publisher: ISA, Pittsburgh, PA, USA
Publication Date: 1976 Country of Publication: USA xiii+729 pp.
ISBN: 0 87664 290 3
Conference Sponsor: ISA
Conference Date: 25-27 May 1976 Conference Location: San Diego, CA, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Applications (A)
Abstract: A controller and data logger for pressure scanning systems are described. The microcomputer positions and manages data from as many as four 48-port electromechanical pressure scanners. The maximum scanning rate is 80 pressure measurements per **second** . The system features **on - line** calibration, position-directed **data** storage, and once-per-scan **display** in engineering units of **data** from a selected port. System hardware and software are described. Factors affecting measurement error in this type of system are discussed. (0 Refs)
Subfile: B C
Descriptors: aerospace computer control; aerospace test facilities; calibration; controllers; data loggers; measurement errors; pressure measurement
Identifiers: controller; data logger; pressure scanning systems; microcomputer; electromechanical pressure scanners; calibration; data storage; display; measurement error
Class Codes: B7210B (Automatic test and measurement systems); B7320V (Pressure and vacuum); B7620 (Aerospace test facilities and simulation); C3220 (Controllers); C3360L (Aerospace systems); C3380B (Electronic instruments); C7460 (Aerospace engineering)

22/5/21 (Item 21 from file: 2)
DIALOG(R)File 2:INSPEC

01040598 INSPEC Abstract Number: B77017896
Title: The first **2048-kbit/s-** data transmission network **in Europe**
Author(s): Lunderstadt, W.R.; Weber, W.K.; Domer, J.; Kuhne, F.; Lang, K. ; Schuler, H.
Journal: Nachrichtentechnische Zeitschrift vol.30, no.2 p.138-55
Publication Date: Feb. 1977 Country of Publication: West Germany
CODEN: NAZEAA ISSN: 0027-707X
Language: German Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: The Deutsche Bundespost, has established a nationwide digital data transmission network; it uses already existing symmetrical carrier cable of the 17a type as the transmission medium and connects the individual EDS switching centers of the new integrated telex and data network. The newly developed data transmission system PCM30D is used. Data subscribers using bit rates of 50 bit/s, 200 bit/s, 300 bit/s (if required) and 2400 bit/s can be connected to the network, whose first route is already in operation. Higher bit rates (such as 4800 bit/s, 9600 kbit/s, 48 kbit/s and 64 kbit/s) can be transmitted as well. The following four papers summarize the considerations that have led to the establishment of this network. They also describe the network planning and the characteristics of the transmission medium. The equipment of the PCM30D system is dealt with in detail. (9 Refs)
Subfile: B
Descriptors: communication networks; data communication systems; pulse-code modulation links
Identifiers: digital data transmission network; symmetrical carrier cable

; PCM; bit rates; network planning; 2.048 Mb/s
Class Codes: B6210Z (Other data transmission); B6240Z (Other transmission line links)

22/5/22 (Item 22 from file: 2)
DIALOG(R)File 2:INSPEC

00844501 INSPEC Abstract Number: B76001952, C75028326
Title: A dedicated-user 1.344 megabit satellite data transmission network
Author(s): Puente, J.G.; Cacciamani, E.R.
Author Affiliation: Digital Communications Corp., Gaithersburg, MD, USA
Journal: Telecommunications vol.9, no.9 p.97-8, 100
Publication Date: Sept. 1975 Country of Publication: USA
CODEN: TLCOAY ISSN: 0040-2494
Language: English Document Type: Journal Paper (JP)
Treatment: Applications (A)
Abstract: Briefly discusses the design, implementation and performance of the **first** US high **data** rate **transmission network** using commercial satellites. (0 Refs)
Subfile: B C
Descriptors: communications applications of computers; digital communication systems; satellite relay systems
Identifiers: data transmission network; design; commercial satellite
Class Codes: B6210L (Computer communications); B6250G (Satellite relay systems); C7410F (Communications)

22/5/23 (Item 23 from file: 2)
DIALOG(R)File 2:INSPEC

00794639 INSPEC Abstract Number: B75029970
Title: An experimental integrated voice-data network
Author(s): Artom, A.
Author Affiliation: CSELT, Torino, Italy
Journal: CSELT Rapporti Tecnici vol.3, no.1 p.19-25
Publication Date: April 1975 Country of Publication: Italy
CODEN: CSELBY ISSN: 0390-1815
Language: English Document Type: Journal Paper (JP)
Treatment: Experimental (X)
Abstract: Outlines an experimental network which includes a digital switching machine and is related with the technical features of the network as far as the data communications are concerned together with the requirements which it is designed to meet. The first section deals with a brief analysis of the factors that, by influencing the features of a data transmission network, need to be considered in defining the specifications of a communication system which must be adaptable to future changes both in subscriber's requirements resulting from the use of new **data** terminals and in the **transmission** techniques. The **second** section deals with the **network** configuration, both in the case of a voice and data analogue service, and in the case of a base band data service. The third section illustrates the basic subsystem which processes digitally the signals to be transmitted over the long distance circuits for signalling purposes. (5 Refs)
Subfile: B
Descriptors: communication networks; data communication systems; voice communication
Identifiers: digital switching machine; data communications; data transmission network; data terminals; voice; data analogue service;

signalling
Class Codes: B6210D (Telephony); B6210M (ISDN)

22/5/24 (Item 24 from file: 2)
DIALOG(R)File 2:INSPEC

00463391 INSPEC Abstract Number: B73001829
Title: Data transmission network in subscribers' system CYFRONET
Author(s): Artman, J.
Author Affiliation: Inst. Lqcznosci, Poland
Journal: Przeglad Telekomunikacynjy vol.45, no.10 p.321-4
Publication Date: Oct. 1972 Country of Publication: Poland
CODEN: PZTKAP ISSN: 0033-2399
Language: Polish Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: The paper presents the preliminary stage of realisation of the **data transmission network** CYFRONET which is the **first** system of its kind in Poland. The principal assumptions and requirements are discussed. The general layout of the system is considered and technical equipment of connecting links is described. (0 Refs)
Subfile: B
Descriptors: data transmission equipment; data transmission systems
Identifiers: subscribers' system; CYFRONET; data transmission network; layout; connecting links; Poland
Class Codes: B6210Z (Other data transmission)

22/5/25 (Item 25 from file: 2)
DIALOG(R)File 2:INSPEC

00104763 INSPEC Abstract Number: B70007895, C70004944
Title: Remote data processing system of the Toulouse region of Electricite de France - definition of the data transmission network
Author(s): Grand, C.
Author Affiliation: E.D.F., Paris, France
Conference Title: International conference on remote data processing p.259
Publisher: Colloque International sur la Teleinformatique, Paris, France
Publication Date: 1969 Country of Publication: France 669 pp.
Conference Date: 24-28 March 1969 Conference Location: Paris, France
Language: English; French Document Type: Conference Paper (PA)
Abstract: Abstract only given, substantially as follows:- The aim of the teleprocessing system of the South Western area is briefly defined, then the problems of data processing are briefly described in order to present more specifically the **data transmission** network. The definition of a **data transmission network** is **first** recalled in order to explain the a priori possible choices issuing from fundamental ideas represented by the flow of exchanges and planned extensions. The definition of the structure of network developed is justified by a compromise between various limits of technical or financial nature, such as performances of the central switching computer, telephone circuits available modems, reliability, transmission safety and cost. Maintenance problems are then examined within the scope of both equipment and operational aspects.
Subfile: B C
Descriptors: data communication systems; data transmission systems; transmission networks
Class Codes: B6210Z (Other data transmission); B8110 (Power systems); C5620 (Computer networks and techniques)

22/5/26 (Item 26 from file: 2)
DIALOG(R)File 2:INSPEC

00094905 INSPEC Abstract Number: C70002812
Title: Paper tape transmission in the datex network
Author(s): Metzger, H.
Journal: Siemens Review vol.36, no.9 p.334-6
Publication Date: Sept. 1969 Country of Publication: West Germany
CODEN: SZTEA6 ISSN: 0302-2528
Language: English Document Type: Journal Paper (JP)
Abstract: When bulk **data** have to be **transmitted** over the datex **network** , they are in many cases **first** punched into tape and then transmitted over the network at 200 bits/s. The model 8514-101 tape input station is here used at the sending end and the model 8514-131 tape output station at the receiving end. The constructional design and method of operation of the stations are described.
Subfile: C
Descriptors: data communication systems; punched tape equipment
Class Codes: C5560 (Data preparation equipment)

22/5/27 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01840435 ORDER NO: AADAA-I3017882
Approaches to multimedia traffic management and control
Author: Wang, Sheng-Yih
Degree: Ph.D.
Year: 2000
Corporate Source/Institution: Purdue University (0183)
Major Professor: Bharat K. Bhargava
Source: VOLUME 62/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 2801. 132 PAGES
Descriptors: COMPUTER SCIENCE
Descriptor Codes: 0984
ISBN: 0-493-29063-X

This thesis discusses several different approaches to managing and controlling the **transmission** of multimedia **data** over the **networks** . It **first** identifies the adaptability features in different parts of the data transmission process. It then proposes a multipass transmission scheme to transport multimedia data effectively over the existing network infrastructure. Experiments and analysis show that the approach can achieve satisfactory reliability for multimedia data without sending data aggressively.

This thesis then investigates techniques, using the Active Network paradigm, to solve the multimedia data transmission problem. A fragmentation scheme is proposed to address the unique needs of active networks and utilize the special properties the new infrastructure provides. A formal model of active techniques is proposed and analyzed. A new measure to quantify the Quality of Service (QoS) received by the application is introduced. Experiments show that it can provide a more accurate assessment of the user-perceived QoS than other commonly used measures. Issues related to virtual machine designs in active network architectures are also discussed.

Finally, this thesis proposes an adaptable network architecture which allows different QoS provision schemes such as Active Network, Integrated

Services and Differentiated Services to co-exist. This architecture enables both the application programs and the networks to adapt and perform the task of traffic management and control together.

22/5/28 (Item 2 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01787130 ORDER NO: AADAA-IMQ50861
MPEG-2 transport over ATM networks with best effort service
Author: Pu, Song
Degree: M.Sc.
Year: 1998
Corporate Source/Institution: McGill University (Canada) (0781)
Advisers: Karim El Guemhioui; Nathan Friedman
Source: VOLUME 39/01 of MASTERS ABSTRACTS.
PAGE 242. 85 PAGES
Descriptors: COMPUTER SCIENCE
Descriptor Codes: 0984
ISBN: 0-612-50861-7

With increasing interest in the transmission of audio-visual applications (<italic>e.g</italic>. MPEG-2) over ATM best effort services, such as Available Bit-Rate (ABR) and Unspecific Bit-Rate (UBR), efficient video-oriented control mechanisms for improving the video quality in the presence of loss have to be designed. In this thesis, we proposed and evaluated a new quality of service control framework for use with modified Unspecific Bit Rate service.

We surveyed a number of issues related to the coding and control of MPEG-2 video data streams transmitted over ATM networks, analyzed the network factors affecting the quality of service of real-time video applications and showed how this proposed video-oriented QoS control framework improve the performance for such services.

The presented framework relies on four components: a dynamic frame-level priority data partition mechanism based on MPEG-2 data structure and feedback from the network; an enhanced ATM Adaptation Layer type 5 (AAL-5) associated with a new slice-based MPEG-2 encapsulation strategy; a forward error correction (FEC) mechanism, which is implemented at the AAL-5 service specific convergence sublayer to provide the error detection and recovery capability, and a video-oriented cell discarding scheme, which adaptively and selectively adjusts discard level according to switch buffer occupancy, video cell payload types and FEC drop tolerance.

This best-effort video delivery framework is evaluated using simulation and real MPEG-2 video data. The overall objective of this proposed framework is twofold. First, ensuring a graceful picture quality degradation by minimizing cell loss probability for critical video **data** while guaranteeing a bounded cell **transfer** delay. **Second** , optimizing the **network** effective throughput by reducing the transmission of non useful data.

In comparison to previous approaches, the performance evaluation has shown a significant reduction of the bad throughput and minimization of losses of Intra- and Predictive-coded frames at the video slice layer.

22/5/29 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

2232503 H.W. WILSON RECORD NUMBER: BAST01006523
Packet mode in wireless networks: overview of transition to third

generation
Sarikaya, Behcet;
IEEE Communications Magazine v. 38 no9 (Sept. 2000) p. 164-72
DOCUMENT TYPE: Feature Article ISSN: 0163-6804 LANGUAGE: English
RECORD STATUS: Corrected or revised record

ABSTRACT: An overview of packet mode **data transfer** in cellular **networks** is presented. Leading extended **second** -generation cellular **networks** of Global System for Mobile Communications General Packet Radio System and IS-95B are introduced. The architecture and protocol layers in 2 leading third-generation cellular network proposals, cdma2000 and wideband code division multiple access, are reported. Finally, mobile Internet protocol support in various cellular networks is discussed.

DESCRIPTORS: Cellular telephone networks; Packet switching; Third generation wireless telecommunications;

22/5/30 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00172654 88IW10-119
Smartbridge to transmit data 10 kilometers
Fisher, Sharon
InfoWorld , July 1, 1988 , v10 n41 p16, 1 Pages
ISSN: 0199-6649
Languages: English
Document Type: Product Announcement
Geographic Location: United States
Reports that Alantec of Fremont, CA (415) announced its Smartbridge 2000 (\$6,280 for standalone version, \$3,280 for add-in card version), an Ethernet bridge that can **transmit** 13,000 packets of **data** per **second** at 10Mbps between two **networks** up to 10 kilometers apart. Features include graphics displays using bar graphs, enhanced network security, and many others. (lj)
Descriptors: Bridge; Data Transmission; Networks
Identifiers: Smartbridge 2000; Alantec

22/5/31 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

09367480
La DGA notifie/
FRANCE: FFR 600MN CONTRACT FOR THOMSON-CSF
La Tribune (XOT) 20 Sep 2000 p.19
Language: FRENCH

Thomson-CSF Comsys will supply 200 communication systems to the French army. The equipment, called Aristotle, will help interconnect the main command posts on the army training ground, with the highest authorities. The equipment will offer telephone, video conferencing, and **data** (**Internet** type) **transmission** services. **First** supplies are scheduled to take place in the early 2002, as part of this contract worth FFr 600mn for the company <part of Thomson-CSF, the French state run defence electronics group>. *

COMPANY: THOMSON-CSF COMSYS

Search Performed by Sylvia Keys 11-Aug-04

PRODUCT: National Defense (9104); Government Purchases (E3140);
Communications Eqp ex Tel (3662); Telecom Switches (3661TW);
EVENT: General Management Services (26); Capital Expenditure (43); Use of Materials & Supplies (46); Contracts & Orders (61);
COUNTRY: France (4FRA);

22/5/32 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

09258958
Metro beteiligt sich an E-Commerce-Allianz
GERMANY: METRO COUNTS ON GLOBAL NET XCHANGE
Handelsblatt (HT) 24 Mar 2000 p.24
Language: GERMAN

The German Cologne-based trade giant Metro is to participate in the B2B platform Global Net Xchange of US-based Oracle. Metro follows the example of the trade groups Carrefour (France), Sears, Roebuck (US) and Sainsbury's (UK). On the world's **first** **Internet** platform for **data** **transfer** in retail trade, the partners do not bundle their purchasing capacities but use a common operating system for purchasing. Ordering goods on-line reduces the retailers' logistics costs by up to 30%, according to experts. The Internet platform is operated by Oracle.

COMPANY: SAINSBURY'S; SEARS ROEBUCK; CARREFOUR; ORACLE; GLOBAL NET XCHANGE ; METRO

PRODUCT: Retail Trade (5200); Database Vendors (7375);
EVENT: General Management Services (26); Company Formation (14); Production Management (23);
COUNTRY: Germany (4GER); United Kingdom (4UK); France (4FRA); United States (1USA);

22/5/33 (Item 3 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

09182875
Max.mobil baut Festnetz mit Glasfaser aus
AUSTRIA: MAX.MOBIL TO BOOST DATA COMMUNICATION
Der Standard (XGO) 25/26 Oct 1999 p.19
Language: GERMAN

The Austrian mobile phone service provider Max.mobil, in which Deutsche Telekom is a shareholder, aims to gain 15% of the Austrian data communication market in the medium term. In data communications between Austria and Germany it aims to become the market leader. Following a test in autumn 1999, Max.mobil is to offer **data** **transmission** via broad-band **networks** from the **first** quarter of 2000. The company thus enters the international lease line business. It is installing a network of its own in Vienna. Beside network access, Max.mobil will offer clients ATM services for the integration of voice, data and video communication, as well as internet access, network management services, terminals and customer support.

COMPANY: DEUTSCHE TELEKOM; MAXMOBIL

PRODUCT: Wide Area Network Equipment (3661WN); Computers & Auxiliary Equip (3573); Cellular Radio Services (4811CR);
EVENT: Companies Activities (10); Planning & Information (22);
COUNTRY: Austria (5AUT);

22/5/34 (Item 4 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

09092740
Airtel preve beneficios de 25 millardos y una cuota de mercado del 3\
SPAIN: OUTLOOK FOR AIRTEL
Cinco Dias (CDS) 22 Apr 1999 p.8
Language: SPANISH

Spanish mobile phone consortium Airtel is predicting a turnover in 1999 of Pta 300,000mn, compared to the Pta 203,446mn registered in 1998. Earnings are expected to reach Pta 25,000mn in 1999, compared to Pta 2,758mn in 1998. Airtel's market share is likely to reach 32% in 1999, up from 30.6% in 1998. Inn 1998 the total client base was 2,157,000 and this number is expected to increase to 3.5mn in 2000. The strategic plan for the company is to become a global operator in 1999, with a strong presence in **data transmission** , **Internet** and fixed telephony. In the **first** half of 1999, and once an interconnection agreement has been reached with Telefonica, indirect access to fixed telephony will be available through the 1071 prefix in the cities of Valencia, Barcelona, Madrid, Sevilla, Alicante, Bilbao, Tenerife, La Coruna and Gran Canaria.

COMPANY: TELEFONICA; AIRTEL
PRODUCT: Cellular Radio Services (4811CR);
EVENT: Planning & Information (22); Company Reports & Accounts (83); Company Formation (12); Company Formation (14);
COUNTRY: Spain (4SPA);

22/5/35 (Item 5 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

06672448
Weltrekord in Bayern: Schnellste Datenautobahn eingeweiht
GERMANY: NEW HIGH SPEED NETWORK
Augsburger Allgemeine (XGC) 14 Aug 1998 p.1
Language: GERMAN

To support the progress of research, a new, more efficient data network is to be installed among German universities. Between Munich University and Erlangen University one of the worldwide leading glass fibre data highways was inaugurated for test purposes in August 1998. For the first time, more than two gigabit of **data** per **second** could be **transferred** via a **network** of such length (long distance net). The glass fibre network's capacity equals that of 120,000 ISDN-channels. The German minister for research R ttgers wants to have installed the gigabit network by spring 2000. This would be world-class, says the minister.

PRODUCT: Research & Development (8510); Colleges & Universities (8220); General Management Services (9916); Telephone Communications (4811); ISDN Equipment (3661DN); Communications Eqp ex Tel (3662); Fibre Optic Cables (3229FO); Computers & Auxiliary Equip (3573);
EVENT: General Management Services (26); Product Design & Development (

33); Plant/Facilities/Equipment (44); Capital Expenditure (43);
COUNTRY: Germany (4GER);

22/5/36 (Item 6 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06642057
Sovintel vnedryaet Frame Relay
RUSSIA: FRAME RELAY NETWORK TO BE BUILT
Kommersant-Daily (XFL) 11 Jun 1998 p.18
Language: RUSSIAN

In June 1998, the Russian-US joint venture Sovintel (founded by Rostelekom and Global Telesystems) plans to complete building the **first** stage of a **data transmission network** Frame Relay between Moscow and St. Petersburg. The company uses Nortel Magellan equipment for the network. Start of the commercial use of Frame Relay network is planned for the third quarter of 1998. *

COMPANY: NORTEL MAGELLAN; FRAME RELAY; GLOBAL TELESYSTEMS; ROSTELEKOM; SOVINTEL

PRODUCT: Telecommunications Equipment (3661); Computers & Auxiliary Equip (3573); Communications Eqp ex Tel (3662);
EVENT: Capital Expenditure (43);
COUNTRY: Russia (6USSRU); United States (1USA);

22/5/37 (Item 7 from file: 583)
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06606717
Prezident i gubernatory budut...
RUSSIA: MULTIMEDIA SYSTEM TO COST US$ 11.5 MN
Kommersant-Daily (XFL) 27 Mar 1998 p.2
Language: RUSSIAN

According to the estimation made by the Swedish telecommunication corporation Ericsson, costs to build a multimedia data transmission system connecting 20 points in Moscow would be US$ 11.5 mn. The project is implemented by the major Russian long-distance operator Rostelekom and Ericsson. On the **second** stage of the project the **network** , which enables to **transmit data** and works in video-conference mode, will connect all 88 Russian regions. First of all, the system will be available for regional authorities.

COMPANY: ERICSSON; ROSTELEKOM

PRODUCT: Telephone Communications (4811); Telecommunications Equipment (3661);
EVENT: Companies Activities (10); Capital Expenditure (43);
COUNTRY: Sweden (5SWE); Russia (6USSRU);

22/5/38 (Item 8 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06490528
Kurz notiert: Daten Netz
  GERMANY: STADTSPARKASSE DRESDEN ON NET
SUchsische Zeitung (XIG) 28 Jun 1997 p.9
Language: GERMAN

Deutsche Telekom has delivered a high speed network to Stadtsparkasse Dresden. It connects the head office of the bank with 17 branches at the **first** stage. The glass fibre **network** enables **data transfer** at a speed between 2 and 155 megabits per second.

COMPANY: STADTSPARKASSE DRESDEN; DEUTSCHE TELEKOM

PRODUCT: Telephone Communications (4811);
EVENT: Plant/Facilities/Equipment (44);
COUNTRY: Germany (4GER);

22/5/39 (Item 9 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

06486597
Alcatel s'allie \ l'amZricain Cisco pour se renforcer sur le marchZ \
  FRANCE/US: ALCATEL/CISCO ALLIANCE
Les Echos (LE) 24 Jun 1997 p.13
Language: FRENCH

An agreement signed by French telecommunications group Alcatel and its US counterpart Cisco in the fields of Internet and public networks should lead to the launch of at least 10 new products by 1999. Cisco's CEO, Mr. John Chambers, believes that this alliance can create an extra US$ 500mn in revenue by 2000. This agreement will enable both companies to make their network solutions more complete and to promote further Internet integration. Alcatel will contribute its expertise in public switching networks and high speed access with Cisco contributing its expertise in the **Internet** and **data** transmission . The **first** products which should come out of this alliance will enable telephone operators to transport large volumes of communication. Thus, Alcatel plans to incorporate Cisco's IOS software technology into its products (ISDN and ATM switches) and, at a later stage, perhaps into its radio communication and transmission products.
COMPANY: CISCO; ALCATEL

PRODUCT: Telephone Communications (4811); ISDN Equipment (3661DN); Private Network Equipment (3661PN);
EVENT: Company Formation (14); Plant/Facilities/Equipment (44);
COUNTRY: France (4FRA); United States (1USA);

22/5/40 (Item 10 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

06283736
Erste Schritte zur Allianz CNI-AT&T-Unisource
  GERMANY/US/NL: CNI, ATT, UNISOURCE JOIN FORCES
S ddeutsche Zeitung (SDZ) 19 Mar 1996 p.22
Language: GERMAN

German Eschborn-based CNI Communications Network International GmbH has

signed three marketing agreements with AT&T of the US and Unisource NV of the Netherlands concerning the two companies' **data transmission** and **network** services. This involves the **first** stage of the cooperation agreed upon in August 1995. Uniworld, a joint venture of AT&T and Unisource, which is the subject of a cartel investigation by the European Union, is to acquire a stake in CNI. Unisource is a joint venture of the Dutch and Swiss Telecom companies, Swedish Telia and Spanish Telefonica. CNI is owned by Deutsche Bank AG and Mannesmann Eurokom GmbH.

COMPANY: MANNESMANN EUROKOM; DEUTSCHE BANK; TELEFONICA; TELIA; UNIWORLD; UNISOURCE; AT & T; AT&T; CNI COMMUNICATIONS NETWORK INTL

PRODUCT: Telephone Communications (4811);
EVENT: Company Formation (14);
COUNTRY: Netherlands (4NET); Germany (4GER); United States (1USA);

22/5/41 (Item 11 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

05991360
MALTA: ALCATEL WINS DATA TELECOMS CONTRACT
MALTA: ALCATEL WINS DATA TELECOMS CONTRACT
MF (XRB) 19 May 1994 p.11
Language: ITALIAN

The Italian unit of the French telecoms group Alcatel is to supply Malta with a new packet-switched data transmission network Maltapac. The new network will be based on Alcatel's 1.100 technology. Alcatel's Italian unit supplied Italy's **second** packet-switched **data transmission network** Itapac which now comprises some 160 nodes for 55,000 users. *

COMPANY: ALCATEL; MALTAPAC; ITAPAC

PRODUCT: Wide Area Network Equipment (3661WN); Message Switches (3661MS); Telecommunications (4810);
EVENT: Capital Expenditure (43); Use of Materials & Supplies (46); Contracts & Orders (61);
COUNTRY: Italy (4ITA);

22/5/42 (Item 12 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

05901903
France Telecom: la premiere messagerie pour mobiles
FRANCE: FRANCE TELECOM LAUNCHES EMAIL PRODUCT
Inf. Telecom & Telematique (ITT) 04 Nov 1993 p.1-2
Language: FRENCH

Lotus Development has launched cc:Mail Remote in France in conjunction with France Telecom Mobile Data. It is combined with Mobipac, the France Telecom **data transmission network** . It is the **first** electronic messaging service dedicated to mobile telecoms users to be launched in France. In order to use the system, a Mobipac-compatible radio modem and a PC equipped with cc:Mail are needed. The cc:Mail remote software is priced at FFr 1,432.

COMPANY: FRANCE TELECOM MOBILE DATA; LOTUS DEVT

PRODUCT: Electronic Mail (4811EM);
EVENT: Product Design & Development (33);
COUNTRY: France (4FRA);

22/5/43 (Item 13 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

05892810
Banesto, segundo cliente de la red de transmision/
SPAIN:NEW CLIENT FOR TELEFONICA
Cinco Dias (CDS) 24 Sep 1993 p.13
Language: SPANISH

Telefonica of Spain has signed up Banesto as the **second** client for its RDSI Corporate **Network** , a **data transmission network** recently launched. The **first** client was Cajamadrid. The first stage will involve linking 2,400 Banesto branches and offices, the second the development of multimedia applications, and the third the provision of value-added services including EDI, X-400, Ibertex and videoconferencing. Meanwhile, Teldat of Spain has announced the development of a new Electronic Data Interchange (EDI) system for the financial sector. **

COMPANY: BANESTO; TELEFONICA; CAJAMADRID

PRODUCT: Retail Banking Services (6006); Clearing Banks (6010CB);
Commercial Banks (6020); Electronic Mail (4811EM); Telecommunications (4810); Electronic Data Interchange (4811ED);
EVENT: General Management Services (26); Product Design & Development (33); Capital Expenditure (43); Use of Materials & Supplies (46);
COUNTRY: Spain (4SPA);

22/5/44 (Item 14 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

05680364
TRANSPAC CREE UNE FILIALE POUR LA TRANSMISSION DE DONNEES EN ROU
ROMANIA - TRANSPAC CREATES SUBSIDIARY
Tribune (Cote Desfosses) (TCD) 3 February 1993 p10
Language: French

France Telecom's subsidiary Transpac just created a subsidiary in association with Romania's state-owned Romtelecom. Transpac will hold a majority stake in the new company, named Rompac. Rompac will create Romania's **data transmission network** that will **first** link Bucharest to major cities.**

COMPANY: ROMPAC; ROMTELECOM; TRANSPAC

PRODUCT: Data Communications (4811DC); Value Added Networks (4840VA);
EVENT: COMPANY FORMATION (12); COMPANY FORMATION (14); COMPANY FORMATION (12); COMPANY FORMATION (14);
COUNTRY: Romania (6ROM);

22/5/45 (Item 15 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

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05664572
France Telecom, Bouygues et la SFR en lice/
  FRANCE - TWO COMPANIES FOR NEW DATA NETWORK
Tribune (Cote Desfosses) (TCD) 25 January 1993 p15
Language: French

France Telecom is expected to be one of the two companies chosen by the govt to operate a national **data transmission network** . The choice of the **second** company lies between Bouygues, construction company, and SFR. Should Bouygues be elected as the other party, it would mark its entrance into the highly coveted telecoms market. The new network is expected to generate a turnover of FFr5 bil with 600k subscribers by the year 2000.

COMPANY: FRANCE TELECOM; BOUYGUES; SFR

PRODUCT: Paging Services (4838PG);
EVENT: NEW CAPACITY (44);
COUNTRY: France (4FRA); Northern Europe (414); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

22/5/46 (Item 16 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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05624161
Very briefly: Alcatel-CIT is to supply India/
  INDIA - ALCATEL-CIT TO INSTALL DATA-TRANSMISSION NETWORK
International Herald Tribune (IHT) 12 January 1993 p11

Alcatel-CIT will install a **data - transmission network** in India, the country's **first** , connecting 50 large Indian firms from June 1993.*

COMPANY: ALCATEL-CIT

PRODUCT: Data Communications Equipment (3661DC); Communications Equip ex Tel (3662);
EVENT: NEW CAPACITY (44);
COUNTRY: India (9IND);

22/5/47 (Item 17 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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05470036
Telefonica contrata con Eritel, IBM y TSI el sistema Atlas
  SPAIN - TELEFONICA AWARDS CONTRACT TO IBM, ERITEL AND TSI
Cinco Dias (CDS) 21 November 1992 p8
Language: Spanish

Telefonica (Spain), telecommunications operator, has awarded a contract to IBM, Eritel, subsidiary of Inisel (both Spain), and Telefonica Sistemas (TSI) (Spain), to carry out a Pta5 bil project to computerise the company's **data transmission network** . The project is the **first** phase in the installation of the Pta25 bil Atlas system, and will be installed in 23 Spanish provinces by the end of 1992, rising to 40 provinces by the end of 1993. Eritel will carry out 70% of the work, IBM will carry out 20% and

Telefonica Sistemas will carry out 10%, though IBM is the main contractor.

COMPANY: TELEFONICA; INTERNATIONAL BUSINESS MACHINES; ERITEL; TELEFONICA SISTEMAS

PRODUCT: Communications Equip ex Tel (3662); Data Communications Equipment (3661DC);
EVENT: CONTRACTS WON (61); CONTRACTS WON (61); NEW CAPACITY (44);
COUNTRY: Spain (4SPA); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420);

22/5/48 (Item 18 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

05010360
SEI assure la securite de Transpac
FRANCE - DATA TRANSMISSION SECURITY SERVICE FROM TRANSPAC
Zero Un Informatique Hebdomadaire (ZH) 20 March 1992 p12
Language: French

Transpac, operator of the world's **first** X.25 **data transmission network** , is introducing SEI, a service for ensuring the security of transmitted data. SEI, which will be available in September 1992, allows users to identify and authenticate the person with whom data is being exchanged. In providing the service, Transpac wants to play a neutral role, improving security independently of the communication network and applications. The operation of the SEI service, which is based on two security servers located in France, is fully described in the article. Subscribers to the service are each provided with a smart card containing their electronic signature, and with a card reader that can communicate with a PC. While Transpac says that the new service is suitable for all kinds of data transmission applications, it appears to be of greatest interest to sectors that already use EDI (Electronic Data Interchange). SEI is currently undergoing tests, which include using the service in the transport sector. A subscription to the SEI service is likely to cost around FFr200/mo for the card, plus a further cost for each call. Article describes the SEI service in some detail and concludes by mentioning some of its possible shortcomings.**

COMPANY: TRANSPAC

PRODUCT: Data Communications (4811DC); Value Added Networks (4840VA); Electronic Data Interchange (4811ED);
EVENT: NEW SERVICE DEVELOPMENT (36); NEW SERVICE EXTENSION (36);
COUNTRY: France (4FRA); Northern Europe (414); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

22/5/49 (Item 19 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

04946117
NMBS plaatst bestelling bij Alcatel Bell
BELGIUM - NMBS ORDERS DATA SYSTEM FROM ALCATEL BELL
Financieel Ekonomische Tijd (FET) 10 March 1992 p8
ISSN: 0772-0809
Language: Dutch

NMBS has placed an order of about BFr100 mil with Alcatel Bell for delivery, installation and maintenance of a NADIA **data transmission network** . The **first** section will be delivered in July 1992 and the full network will be in operation by end-1992. The network will be used for data interchange on the SABIN system which modernises services in the larger stations.

COMPANY: ALCATEL BELL; NMBS

PRODUCT: Data Communications (4811DC); Data Services (4811DS);
EVENT: CONTRACTS WON (61);
COUNTRY: Belgium (4BEL); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420);

22/5/50 (Item 20 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

04842352
BT tisse sa toile en France
FRANCE - BT TO WIDEN ITS SERVICE OFFERINGS IN 1992
Monde Informatique (LMI) 13 January 1992 p10
ISSN: 0242-5769
Language: French

British Telecom (BT) (UK), telecommunications operator, is about to move its European head office and that of its French subsidiary to Paris-La Defense, France, as it pursues its development in France. BT will broaden its range of international service offerings in France in 1992, mainly by introducing services already available in the UK or US. The company will **first** focus on its Global **Network** Services, international **data transmission** services that run on the Tymnet remote processing network acquired from MacDonnell Douglas. During 1992, BT intends to add four new access nodes to the Tymnet network in France. At the beginning of 1992, BT will launch Expresslane, a local area network interconnection service based on the frame relay protocol. The company will provide users with a dedicated link, a bridge-router, software and unlimited international access for a rental fee of USDlr4,100/mo for each access to the service. BT will launch an EDI-type value-added network service in second quarter 1992 and will also introduce an international, public X.400 E-Mail service similar to Transpac's Atlas 400 service. In March 1992 BT will introduce an international deferred time voice messaging service for closed groups of users. Finally, BT's subsidiary, Syncordia, will establish a European customer support centre in Paris, France, in 1992.

COMPANY: BRITISH TELECOMMUNICATIONS

PRODUCT: Value Added Networks (4840VA); Voice Messaging (4811VM); Facsimile Services (4811FS); Telecommunications Services (4810); Data Communications (4811DC);
EVENT: NEW SERVICE EXTENSION (36); NEW CAPACITY (44);
COUNTRY: France (4FRA); Northern Europe (414); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

22/5/51 (Item 21 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

03756477
CABLES SHOULD BE INSTALLED DURING CONSTRUCTION
UK - CABLES SHOULD BE INSTALLED DURING CONSTRUCTION
Financial Times (C) 1991 (FT) 5 October 1990 pVIII

Enator (Sweden), information technology consultancy, feels that the essence of good cable management is to install the cables during construction of the building or during refurbishment. The problem is that costs for this are high and could almost double refurbishment costs. Structured cabling however offers a high degree of flexibility. Unshielded twisted pair is the cable which has become most widely used now and especially for structured cabling. The cables can **transmit data** at 4 Megabits/ **second** using token ring **networking** software and at 10 Megabits/ **second** using Ethernet transmission. AT&T, a proponent of this cabling type, and Northern Telecom recently announced operation of a token ring network over twisted pair at 16 Mbits/second. Structured cabling is further discussed.

PRODUCT: Intelligent Buildings Construction (1500IB); Data Communications (4811DC); Telecom Land Lines (4811TL);
EVENT: MARKET & INDUSTRY NEWS (60);
COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420); South East Asia Treaty Organisation (913);

22/5/52 (Item 22 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

02650495
DATA TRANSMISSION NETWORKS REPORTS **FIRST** QUARTER NET PROFIT
US - **DATA TRANSMISSION NETWORKS** REPORTS **FIRST** QUARTER NET PROFIT
Computergram International (CGI) 5 May 1989 p7
ISSN: 0268-716X

Data Transmission Networks has reported USDlr139k **first** quarter net profit against loss for the last comparable period of USDlr118k, on turnover up 91% to USDlr3.1 mil.

PRODUCT: Data Communications Equipment (3661DC);
EVENT: COMPANY FINANCIAL DATA (80);
COUNTRY: United States (1USA); NATO Countries (420); South East Asia Treaty Organisation (913);

22/5/53 (Item 23 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

02576284
MIDLAND BANK TO REINTRODUCE INTERNAL TELECOMS NETWORK
UK - MIDLAND BANK TO REINTRODUCE INTERNAL TELECOMS NETWORK
Financial Times (C) 1991 (FT) 29 March 1989 p9

Midland Bank is to reintroduce its internal telecoms network in April 1989 in a bid to capitalise on the potential offered by the proposed liberalisation of private telecoms networks. Its network is one of the largest in the UK, and links its Forward Trust finance house, its Thomas Cook subsidiary and its banks. Midland also markets its data transmission services, on its own network, to third parties, and claims to have the

country's **second** largest packet-switching **network** for **data transmission** . Midland aims to increase its business with third parties by 200%/y in the next few years.
Copyright: Financial Times Ltd 1991

PRODUCT: Local Area Network Equip (3661LA); Data Communications (4811DC); Local Area Networks (4811LA); Financial Services (6000); Electronic Banking Services (6005);
EVENT: PLANT/FACILITIES/EQUIPMENT (44);
COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420); South East Asia Treaty Organisation (913);

22/5/54 (Item 24 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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00606459
APPROVAL EXPECTED FOR SATELLITE GROUND STATION AT GENOA
ITALY - APPROVAL EXPECTED FOR SATELLITE GROUND STATION AT GENOA
Sole 24 Ore (ISO) 23 October 1986 p6
Language: Italian

The project for a satellite ground station at Genoa, better known as the "teleport" is nearing approval, together with the plans for the **first** Italian **network** for **transmission** of telephone messages and **data** /images by fibre optic cable. Genoa has been picked as the location of the 1988 meeting of the World Teleport Association, and the 1991 general meeting of the World Trade Centre Association. Plans for the schemes are likely to cost Genoa L15bn and L30bn if its includes a link with other provinces in Liguria.

PRODUCT: Food & Drink (2000); Commercial Satellites (3761CM); Data Communications (4811DC); Satellite Communications (4840);
EVENT: PLANT/FACILITIES/EQUIPMENT (44);
COUNTRY: Italy (4ITA); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420);

22/5/55 (Item 1 from file: 475)
DIALOG(R)File 475:Wall Street Journal Abs
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08043346 NYT Sequence Number: 000000991201
EBAY LETS OUTSIDE FIRM DISPLAY DATA **FROM ITS** INTERNET **SITE FOR** FIRST **TIME**
TRAN, KHANH T L
Wall Street Journal, Col. 4, Pg. 6, Sec. B
Wednesday December 1 1999
DOCUMENT TYPE: Newspaper JOURNAL CODE: WSJ LANGUAGE: English
RECORD TYPE: Abstract

ABSTRACT:
EBay Inc says it has signed a licensing agreement allowing AuctionRover.com Inc to display information from eBay auctions under certain limitations; it is the first time eBay has let an external search service display information from its Web site (M)

COMPANY NAMES: EBAY INC; AUCTIONROVER.COM INC
DESCRIPTORS: COMPUTERS AND THE INTERNET; AUCTIONS
PERSONAL NAMES: TRAN, KHANH T L

22/5/56 **(Item 2 from file: 475)**
DIALOG(R)File 475:Wall Street Journal Abs

01150200 NYT Sequence Number: 000928810331
GTE Telenet Systems Inc receives contract from Westinghouse Electric Corp to provide private communications system, involving about 15,000 telephones at about 20 Westinghouse locations in Pittsburgh (Pa) area. System will be first private, all-digital synchronous network to transmit both voice and high-speed data (S).)
Wall Street Journal, Col. 2, Pg. 47
Tuesday March 31 1981
DOCUMENT TYPE: Newspaper JOURNAL CODE: WSJ LANGUAGE: English
RECORD TYPE: Abstract

COMPANY NAMES: WESTINGHOUSE ELECTRIC CORP; GTE TELENET COMMUNICATIONS CORP
DESCRIPTORS: CONTRACTS AND OTHER SALES AGREEMENTS; TELEPHONES; COMMUNICATIONS
GEOGRAPHIC NAMES: PITTSBURGH (PA)
?

Search Performed by Sylvia Keys 11-Aug-04

24/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

7718132 INSPEC Abstract Number: B2003-10-6260-011
Title: Exploiting diversity in multimode fiber communications links via multisegment detectors and equalization
Author(s): Argon, C.; **Patel, K.M.** ; McLaughlin, S.W.; Ralph, S.E.
Author Affiliation: Sch. of Electr. & Comput. Eng., Georgia Inst. of Technol., Atlanta, GA, USA
Journal: IEEE Communications Letters vol.7, no.8 p.400-2
Publisher: IEEE,
Publication Date: Aug. 2003 Country of Publication: USA
CODEN: ICLEF6 ISSN: 1089-7798
SICI: 1089-7798(200308)7:8L.400:EDMF;1-A
Material Identity Number: F276-2003-008
U.S. Copyright Clearance Center Code: 1089-7798/03/$17.00
Language: English Document Type: Journal Paper (JP)
Treatment: Theoretical (T)
Abstract: we propose diversity combination via optical multisegment detectors and electrical equalization techniques to mitigate the effects of intermodal dispersion in multimode fiber (MMF). With no equalization in MMF links, intermodal dispersion produces intersymbol interference (ISI) in the received optical signal that severely limits the achievable **data transmission** rates and fiber link lengths. Our quasi-simulated performance results (obtained with measured impulse responses) demonstrate that multisegment detection and equalization provide a low-cost and efficient solution to combat ISI and hence, to enhance the performance of MMF communications links. (6 Refs)
Subfile: B
Descriptors: decision feedback equalisers; diversity reception; intersymbol interference; optical fibre communication; optical signal detection; transient response
Identifiers: multimode fiber communications links; optical multisegment detectors; electrical equalization; diversity combination; intermodal dispersion; intersymbol interference; ISI; optical signal; **data transmission** rates; fiber link length; quasi-simulated performance results ; measured impulse responses; MMF communications links; DFE; decision feedback equalizer; additive white Gaussian noise; AWGN; dispersion limited channel
Class Codes: B6260 (Optical communication); B6150D (Communication channel equalisation and identification); B6140M (Signal detection); B5230 (Electromagnetic compatibility and interference); B6135 (Optical, image and video signal processing)

24/5/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

6468371 INSPEC Abstract Number: B2000-02-6140-074, C2000-02-1260S-083
Title: On implementation of a nonuniform sampling strategy
Author(s): Bose, R.; Sircar, P.
Author Affiliation: Dept. of Electr. Eng., Indian Inst. of Technol., Kanpur, India
Conference Title: Proceedings of IEEE TENCON '98. IEEE Region 10 International Conference on Global Connectivity in Energy, Computer, Communication and Control (Cat. No.98CH36229) Part vol.2 p.328-31 vol.2

Editor(s): Dutta Roy, S.C.; Purkayastha, P.; Mukhopadhyay, S.; Aditya, S. ; Kumar, S.; Gopal, M.
Publisher: IEEE, Piscataway, NJ, USA
Publication Date: 1998 Country of Publication: USA 2 vol. xvii+652 pp.
ISBN: 0 7803 4886 9 Material Identity Number: XX-1999-02777
U.S. Copyright Clearance Center Code: 0 7803 4886 9/98/$10.00
Conference Title: Proceedings of Tencon '98
Conference Sponsor: Bharat Heavy Electr.; Nat. Hydroelectr. Power Corp; Power Grid Corp. India; Nat. Thermal Power Corp.; Network Programs (India) Pvt.; Hughes Software Syst.; Centre for Dev. Telematics; Siemens Inf. Syst. ; KLG Systel; Sagrik Process Anal. Pvt.; Mitsui Babcock Energy (India) Pvt. ; Dept. Electron.; Council of Sci. & Ind. Res
Conference Date: 17-19 Dec. 1998 Conference Location: New Delhi, India
Language: English Document Type: Conference Paper (PA)
Treatment: Theoretical (T)
Abstract: An implementation of a nonuniform sampling strategy based on the estimation of the local bandwidth of a signal has been proposed. It is demonstrated that a significant **data** reduction for storage and **transmission** is possible by this strategy for some typical nonstationary signals like the EGG, EEG, and the `burst' type marine signals. (8 Refs)
Subfile: B C
Descriptors: bandlimited signals; data reduction; electrocardiography; electroencephalography; medical signal processing; signal sampling
Identifiers: nonuniform sampling; local bandwidth estimation; data reduction; data storage; **data transmission** ; nonstationary signals; EGG; EEG; burst type marine signals; bandlimited signal
Class Codes: B6140 (Signal processing and detection); B7510D (Bioelectric signals); C1260S (Signal processing theory); C7330 (Biology and medical computing)

24/5/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC

03833721 INSPEC Abstract Number: B91021513, C91015023
Title: Data bus testing through the stages
Author(s): **Patel, K.**
Author Affiliation: GEC Avionics Ltd., Rochester, UK
Conference Title: MIL-STD-1553B and the Next Generation (ERA 89-0591) p.5.1/1-11
Publisher: ERA Technol, Leatherhead, UK
Publication Date: 1990 Country of Publication: UK v+330 pp.
ISBN: 0 7008 0392 0
Conference Date: 29-30 Nov. 1989 Conference Location: London, UK
Language: English Document Type: Conference Paper (PA)
Treatment: Applications (A); Practical (P)
Abstract: This paper describes briefly the low speed MIL-STD-1553 data bus and the method adopted for high speed **data transmission** , for application in the next generation of aircraft, using the MIL-STD-1553B (STANAG 3838). It explains how and why the 1553B **data** bus is used for **transmission** control of the STANAG 3910 High Speed Bus for the European Fighter Aircraft program. Data rate and message characteristics are compared and the paper addresses the problems and solutions to low and high speed data bus testing. It also addresses the question as to whether there is a real need for a high speed data bus. (0 Refs)
Subfile: B C
Descriptors: aerospace testing; aircraft control; computer interfaces;

STN Search

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     FILE 'CONFSCI' ENTERED AT 07:59:08 ON 12 AUG 2004
L1          1026 S (DOWNLOAD? OR TRANSFER? OR DISPLAY? OR UPLOAD? OR SENT OR SEN
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L4             2 S (SECOND OR 2ND)(3N)(PAGE? OR SERVER?)
L5             0 S L1 AND S4
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